

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007776.D
 Acq On : 28 Feb 2019 19:32
 Operator : JC/SP
 Sample : K1655-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPM5

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:33 AM

Quant Time: Mar 01 03:13:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175656	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	5.50	113	147286	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	8.71	98	532775	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	188930	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99550	38.727	ug/l	98
3) Chloromethane	1.33	50	134724	47.295	ug/l	99
4) Vinyl Chloride	1.41	62	137197	46.945	ug/l	99
5) Bromomethane	1.64	94	79945	43.218	ug/l	98
6) Chloroethane	1.72	64	90491	48.465	ug/l	100
7) Trichlorofluoromethane	1.93	101	184907	41.272	ug/l	99
8) Diethyl Ether	2.19	74	85663	46.589	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101798	37.593	ug/l	98
10) Methyl Iodide	2.51	142	179162	53.135	ug/l	100
11) Tert butyl alcohol	3.07	59	151572	231.117	ug/l	99
12) 1,1-Dichloroethene	2.38	96	111232	45.570	ug/l	95
13) Acrolein	2.30	56	104255	178.895	ug/l	100
14) Allyl chloride	2.73	41	235946	52.278	ug/l	93
15) Acrylonitrile	3.15	53	399907	259.116	ug/l	99
16) Acetone	2.45	43	344492	224.116	ug/l	99
17) Carbon Disulfide	2.57	76	304473	44.836	ug/l	99
18) Methyl Acetate	2.78	43	166723	49.707	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	423380	49.809	ug/l	100
20) Methylene Chloride	2.86	84	132165	46.565	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	121902	45.939	ug/l	90
22) Diisopropyl ether	3.87	45	491756	52.341	ug/l	94
23) Vinyl Acetate	3.82	43	1881980	228.312	ug/l	97
24) 1,1-Dichloroethane	3.70	63	255597	50.057	ug/l	98
25) 2-Butanone	4.70	43	589801	251.898	ug/l	95
26) 2,2-Dichloropropane	4.59	77	160109	39.282	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	153952	45.596	ug/l	94
28) Bromochloromethane	5.02	49	123893	49.840	ug/l	86
29) Tetrahydrofuran	5.15	42	393768	255.129	ug/l	94
30) Chloroform	5.21	83	256275	46.855	ug/l	98
31) Cyclohexane	5.58	56	194443	40.483	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	210806	46.603	ug/l	98
36) 1,1-Dichloropropene	5.80	75	179598	47.865	ug/l	97
37) Ethyl Acetate	4.85	43	203165	48.743	ug/l	99
38) Carbon Tetrachloride	5.78	117	178518	47.363	ug/l	98

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MMDadoda
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Quant Time: Mar 01 03:13:29 2019
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182275	38.436	ug/l	92
40) Benzene	6.15	78	580165	50.088	ug/l	99
41) Methacrylonitrile	5.06	41	130236	58.515	ug/l	94
42) 1,2-Dichloroethane	6.20	62	205609	52.814	ug/l	100
43) Isopropyl Acetate	6.46	43	330738	51.558	ug/l	98
44) Trichloroethene	7.21	130	154454	48.474	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156749	52.242	ug/l	99
46) Dibromomethane	7.66	93	100316	47.924	ug/l	99
47) Bromodichloromethane	7.90	83	190005	52.380	ug/l	98
48) Methyl methacrylate	7.77	41	188790	56.144	ug/l	92
49) 1,4-Dioxane	7.75	88	64248	884.638	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1159362	269.995	ug/l	100
52) Toluene	8.79	92	354048	48.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	206407	46.007	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	222579	50.563	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	153074	50.257	ug/l	98
56) Ethyl methacrylate	9.18	69	230777	53.281	ug/l	94
57) 1,3-Dichloropropane	9.37	76	252611	51.811	ug/l	100
59) 2-Hexanone	9.49	43	865549	256.749	ug/l	100
60) Dibromochloromethane	9.59	129	156757	53.487	ug/l	98
61) 1,2-Dibromoethane	9.67	107	160192	50.657	ug/l	99
64) Tetrachloroethene	9.34	164	149676	49.195	ug/l	98
65) Chlorobenzene	10.14	112	392042	48.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	148245	52.431	ug/l	99
67) Ethyl Benzene	10.25	91	647518	48.224	ug/l	99
68) m/p-Xylenes	10.36	106	493775	94.526	ug/l	96
69) o-Xylene	10.70	106	244171	48.596	ug/l	96
70) Styrene	10.71	104	397619	48.144	ug/l	99
71) Bromoform	10.86	173	122282	57.674	ug/l #	99
73) Isopropylbenzene	11.02	105	630699	46.178	ug/l	100
74) N-amyl acetate	10.90	43	273595	46.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221907	46.975	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	185066m	45.433	ug/l	
77) Bromobenzene	11.26	156	177421	51.791	ug/l	94
78) n-propylbenzene	11.36	91	698438	45.254	ug/l	98
79) 2-Chlorotoluene	11.42	91	427974	46.053	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	519029	46.200	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63238	42.108	ug/l	97
82) 4-Chlorotoluene	11.51	91	491503	45.211	ug/l	98
83) tert-Butylbenzene	11.77	119	510884	47.362	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	534884	46.545	ug/l	99
85) sec-Butylbenzene	11.94	105	602404	44.567	ug/l	99
86) p-Isopropyltoluene	12.06	119	542717	45.847	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	302944	47.675	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	306599	47.112	ug/l	99
89) n-Butylbenzene	12.39	91	447677	42.406	ug/l	99
90) Hexachloroethane	12.60	117	89134	44.689	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	309210	48.634	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47405	46.057	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	211255	54.433	ug/l	100

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A0C1-TWPMS

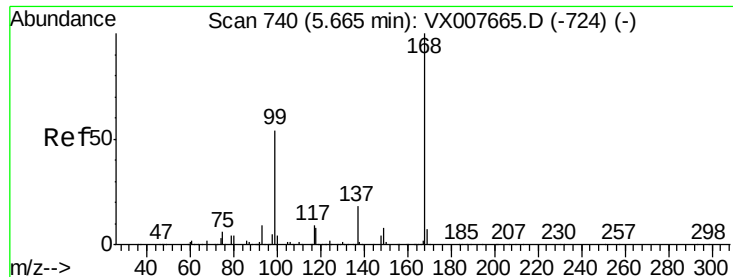
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	100418	56.560	ug/l	99
95) Naphthalene	13.83	128	651616	51.823	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214953	55.160	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

A0C1-TWPMS

Tot Ion:168 Resp: 279048

Ion Ratio Lower Upper

168 100

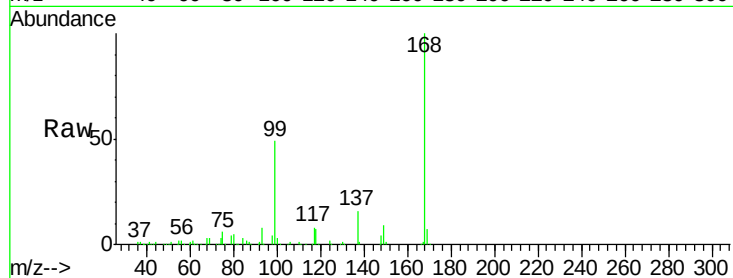
99 48.6 37.9 56.9

Manual Integrations

APPROVED

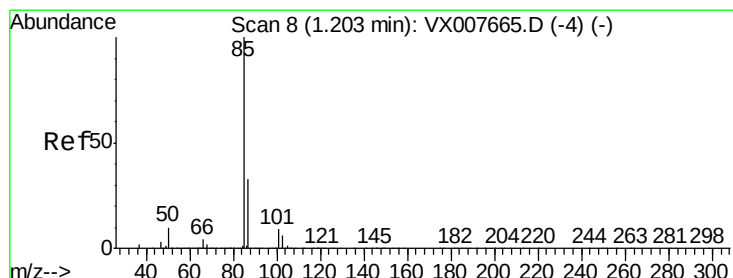
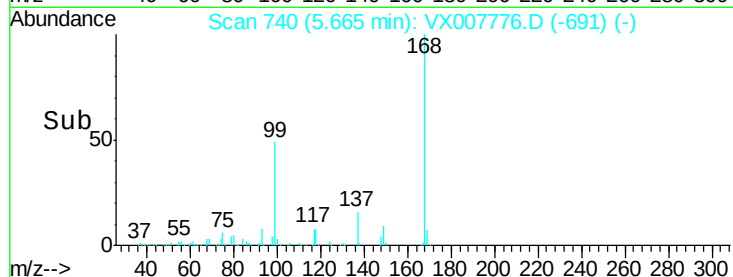
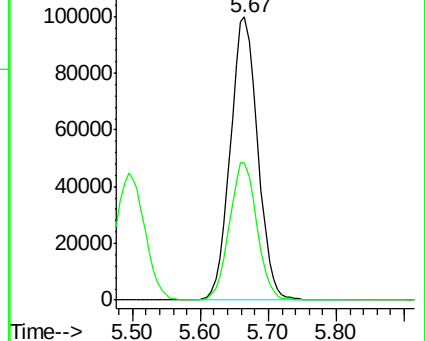
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.727 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007776.D

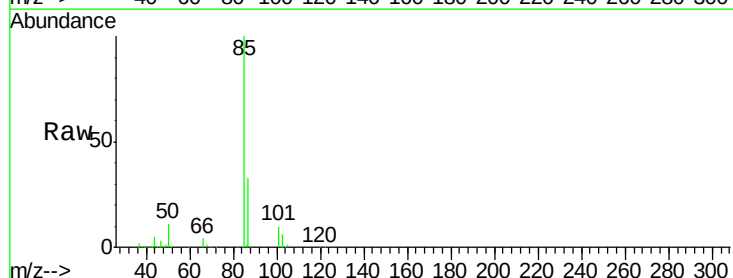
Acq: 28 Feb 2019 19:32

Tgt Ion: 85 Resp: 99550

Ion Ratio Lower Upper

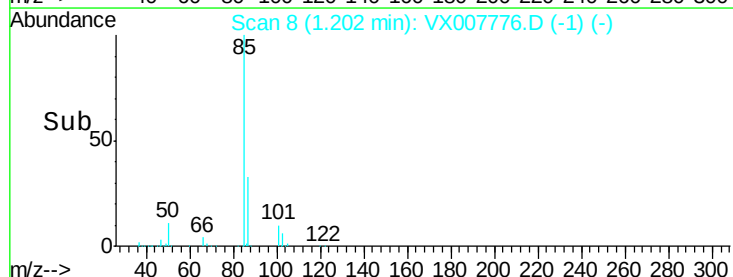
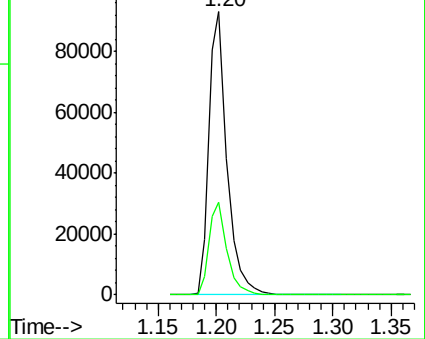
85 100

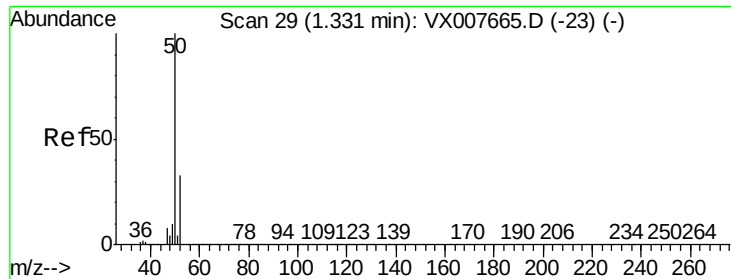
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.295 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007776.D

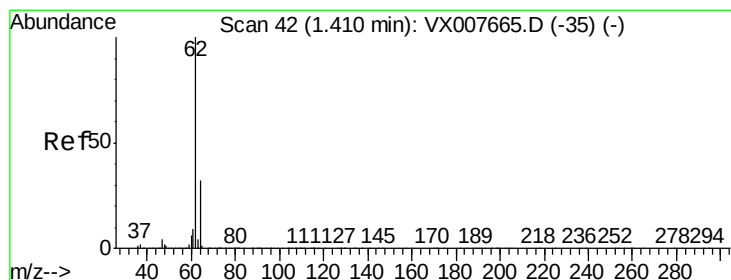
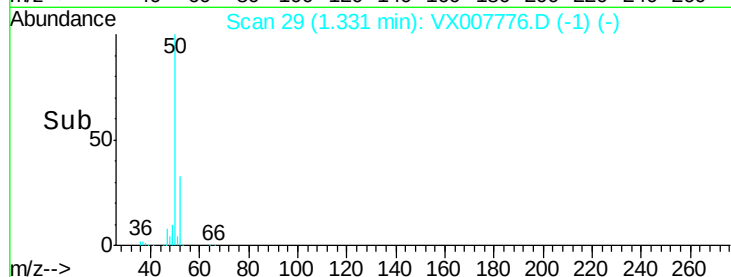
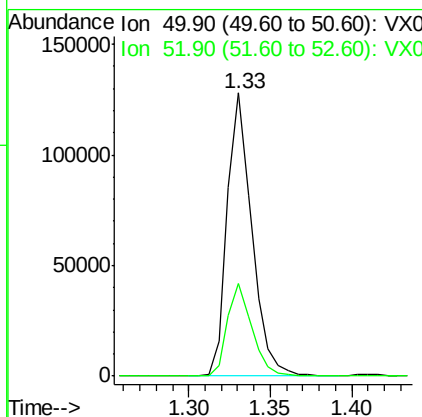
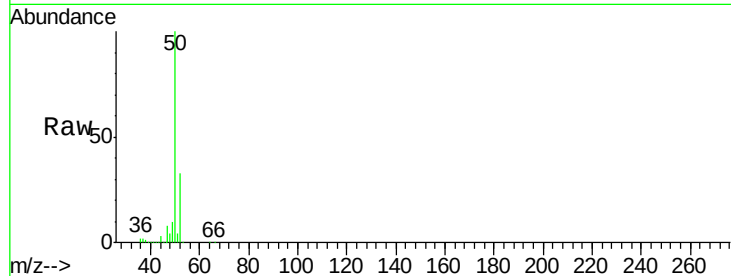
Acq: 28 Feb 2019 19:32

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.1	39.1

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

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#4

Vinyl Chloride

Concen: 46.945 ug/l

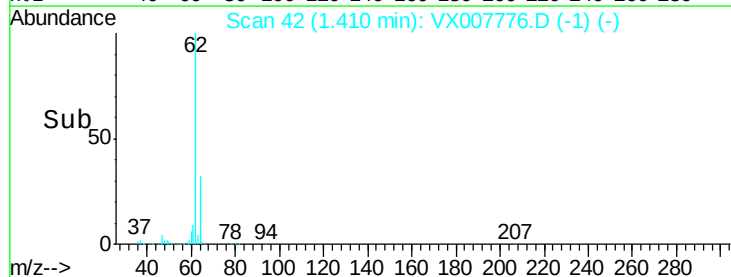
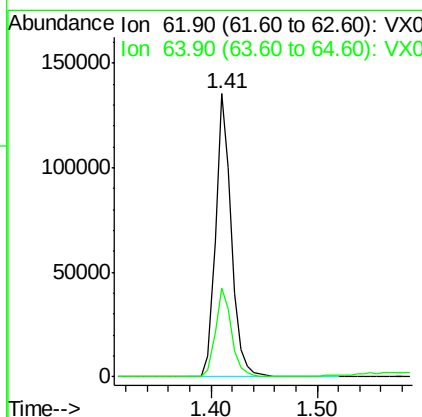
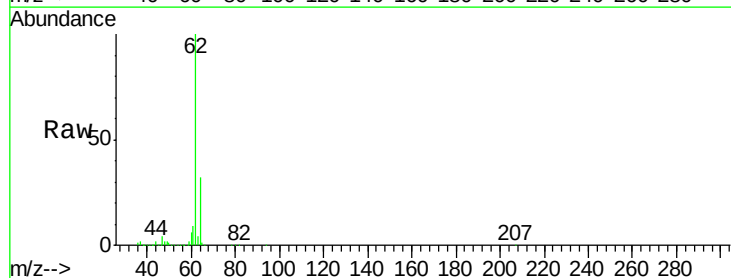
RT: 1.41 min Scan# 42

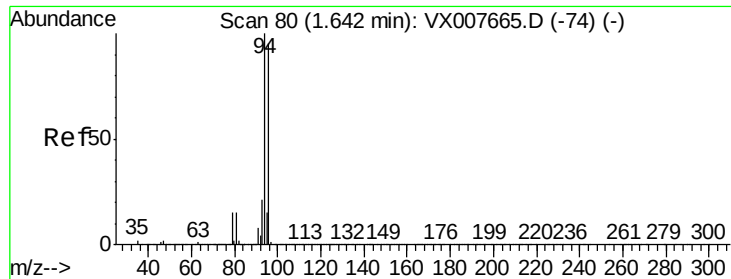
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.4	38.0





#5

Bromomethane

Concen: 43.218 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 94 Resp: 79945

Ion Ratio Lower Upper

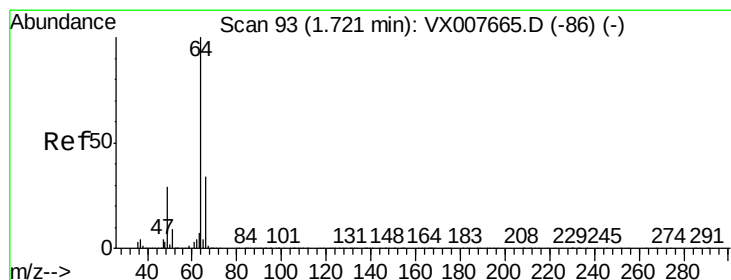
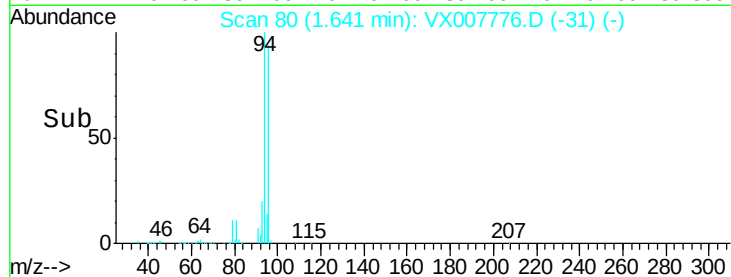
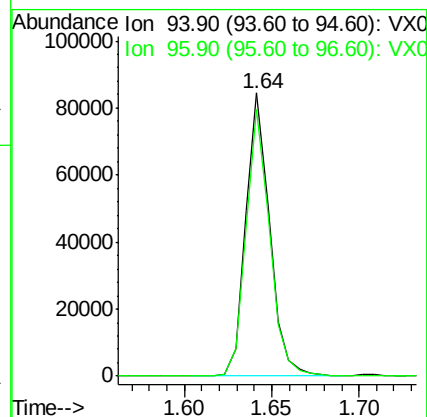
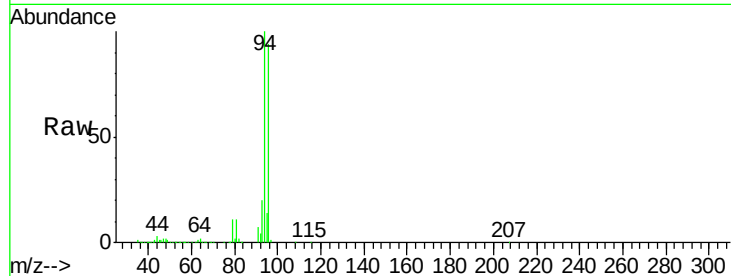
94 100

96 94.2 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 48.465 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007776.D

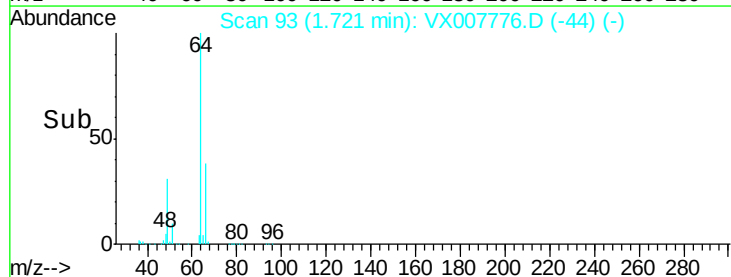
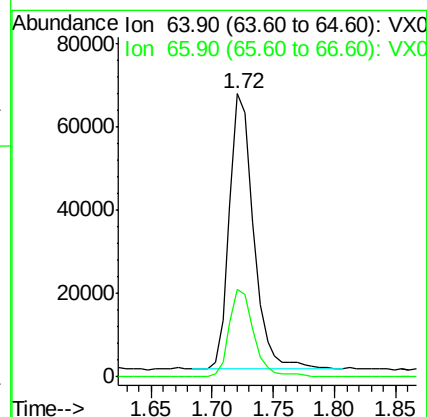
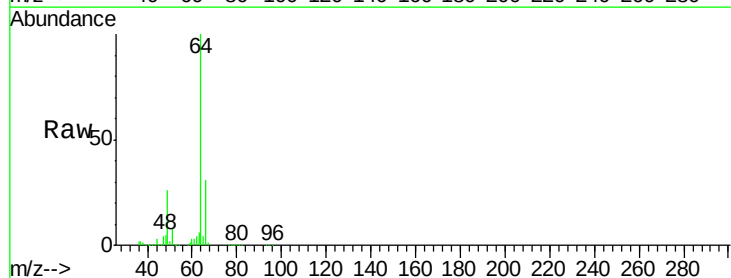
Acq: 28 Feb 2019 19:32

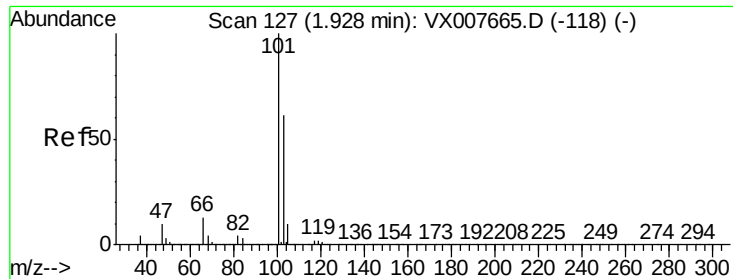
Tgt Ion: 64 Resp: 90491

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

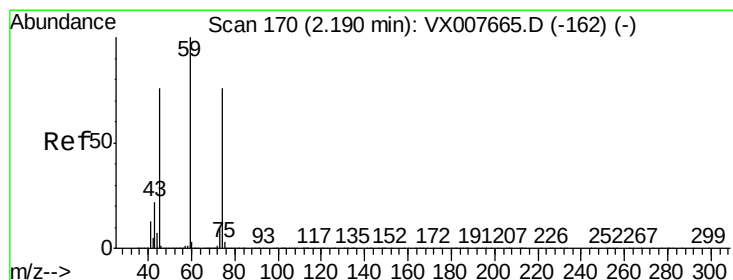
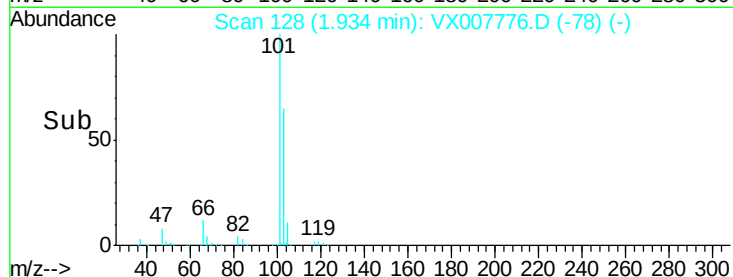
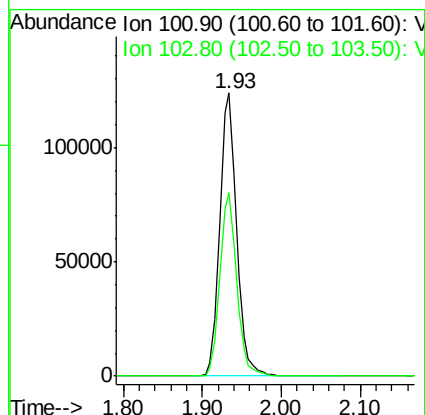
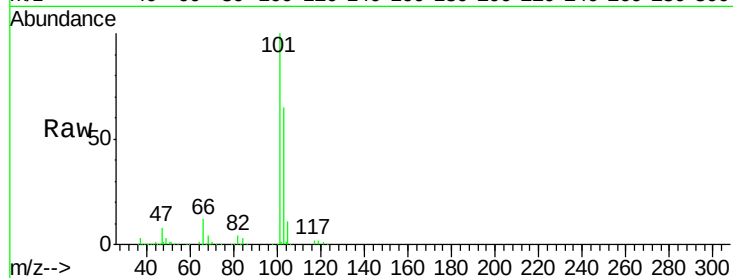
Trichlorofluoromethane
Concen: 41.272 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.6	79.0

Manual Integrations
APPROVED

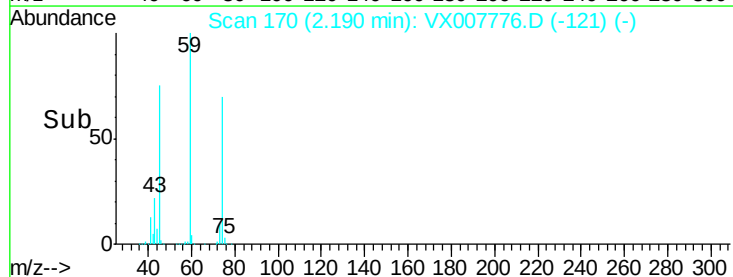
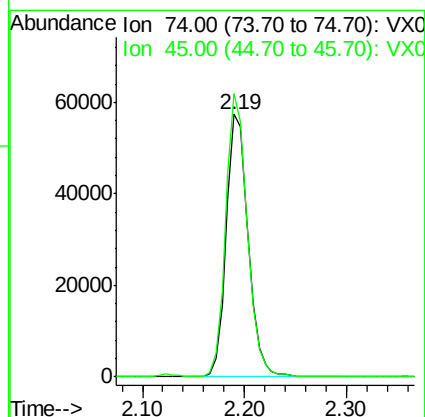
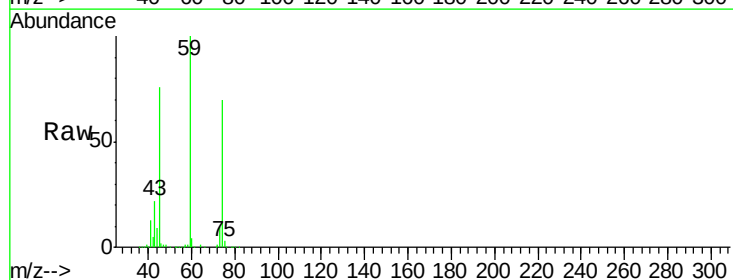
MMDadoda
3/1/2019 10:04:33 AM

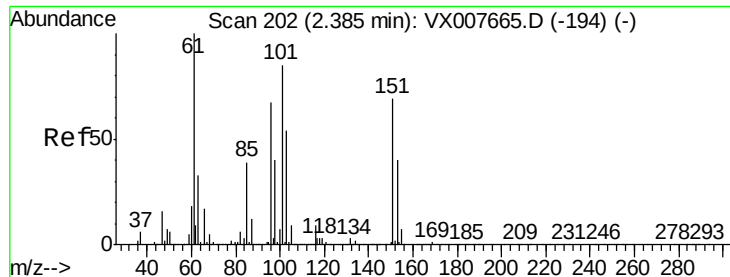


#8

Diethyl Ether
Concen: 46.589 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.593 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

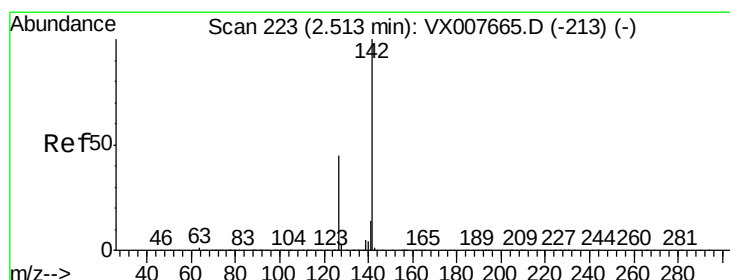
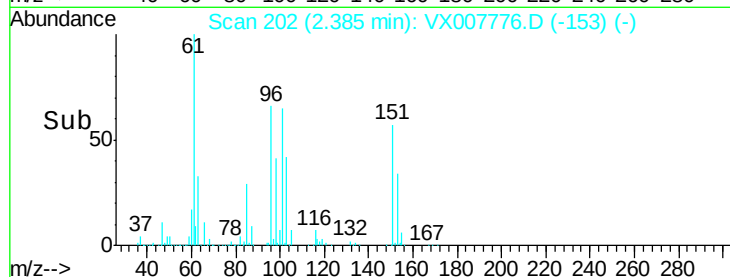
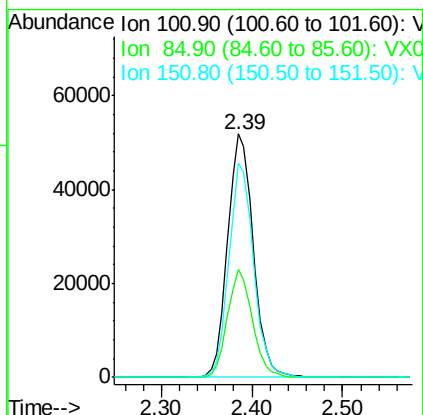
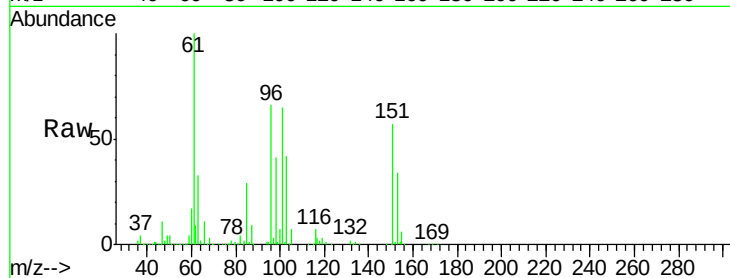
ClientSampleId :

A0C1-TWPMS

Tot Ion:	101	Resp:	101798
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.1	51.1
151	85.1	69.9	104.9

Manual Integrations
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MMDadoda
3/1/2019 10:04:33 AM



#10

Methyl Iodide

Concen: 53.135 ug/l

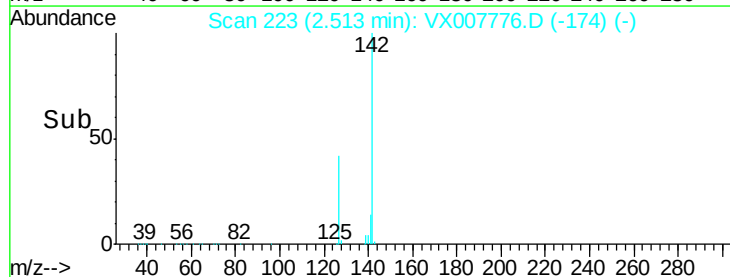
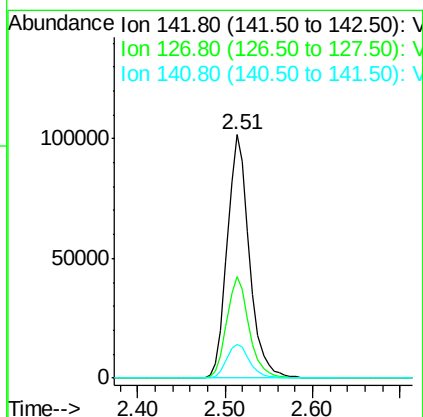
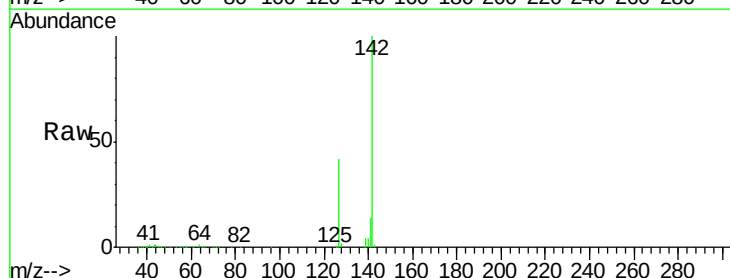
RT: 2.51 min Scan# 223

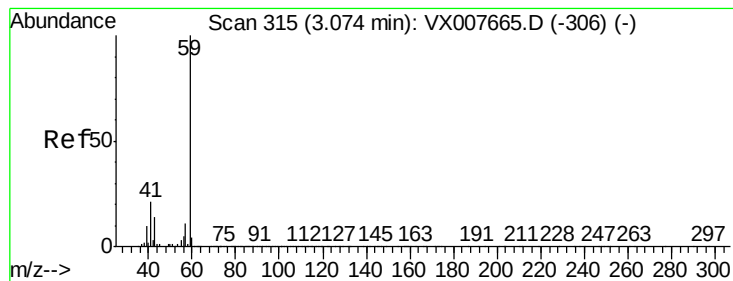
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	142	Resp:	179162
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.7	50.5
141	14.5	11.3	16.9





#11

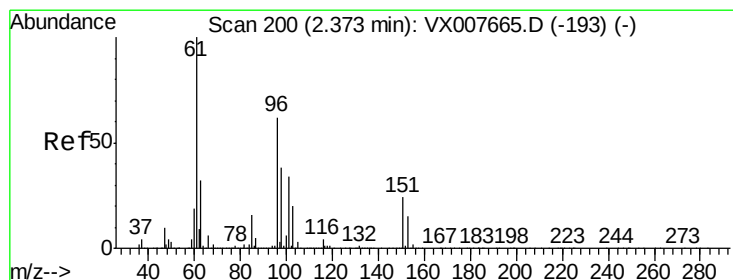
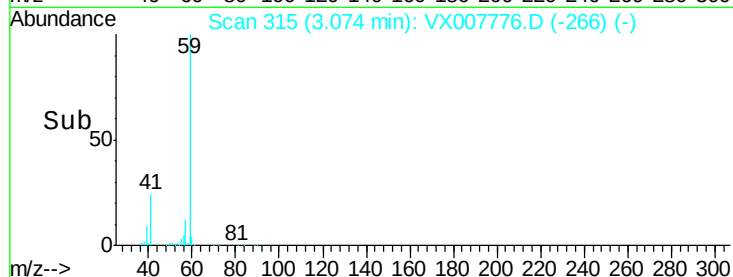
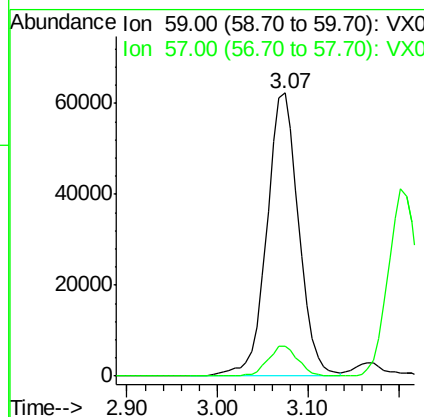
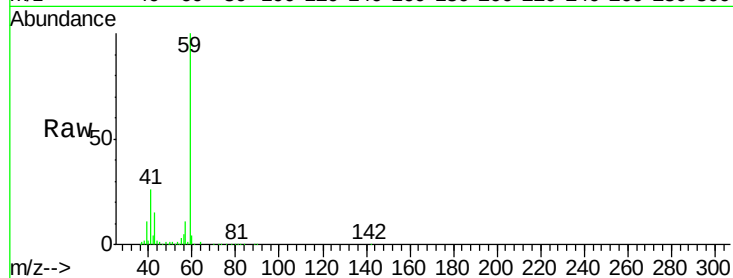
Tert butyl alcohol
Concen: 231.117 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	59	Resp	151572
Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

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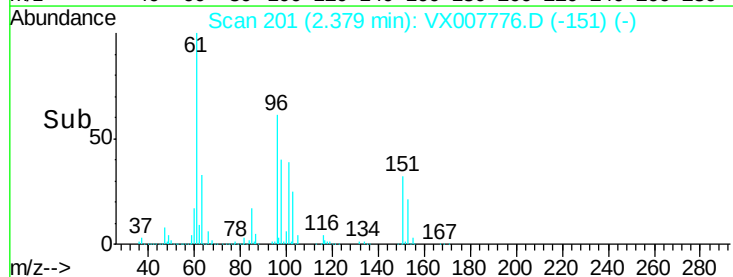
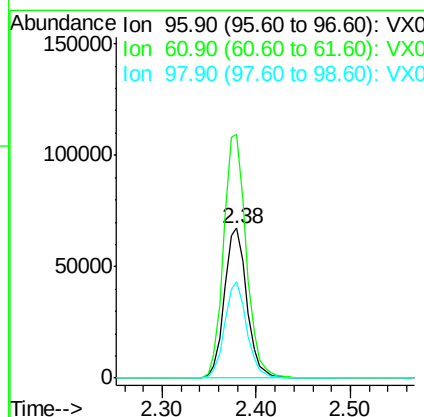
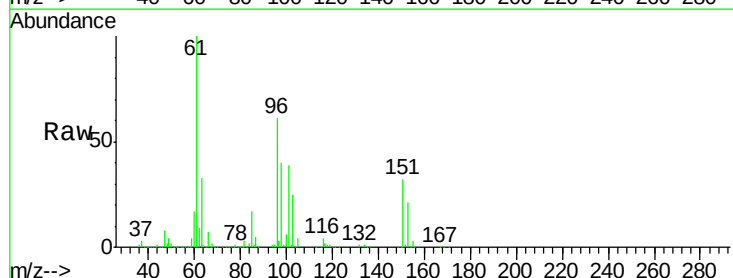
MMDadoda
3/1/2019 10:04:33 AM

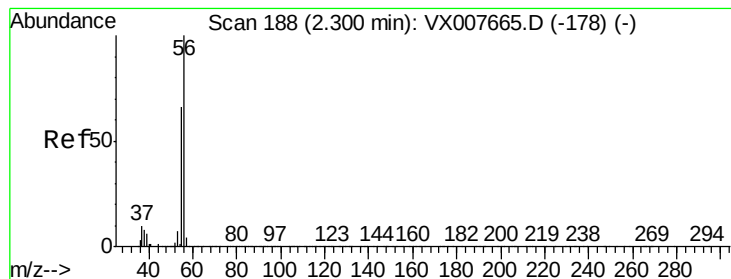


#12

1,1-Dichloroethene
Concen: 45.570 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	96	Resp	111232
Ion	Ratio	Lower	Upper
96	100		
61	162.6	123.0	184.4
98	64.6	50.9	76.3





#13

Acrolein

Concen: 178.895 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 56 Resp: 104255

Ion Ratio Lower Upper

56 100

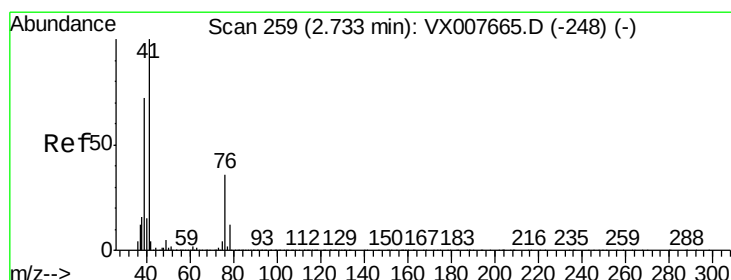
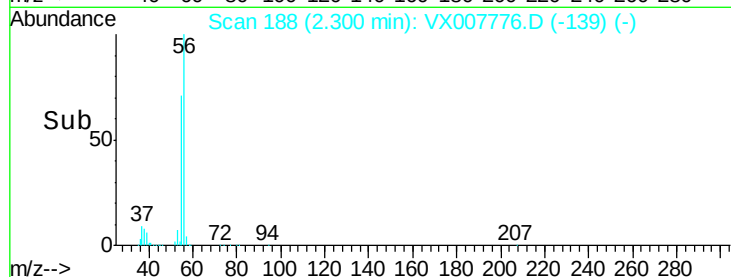
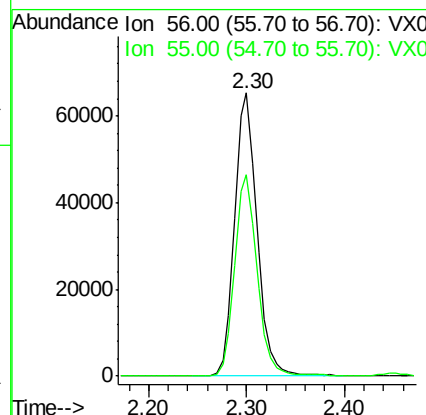
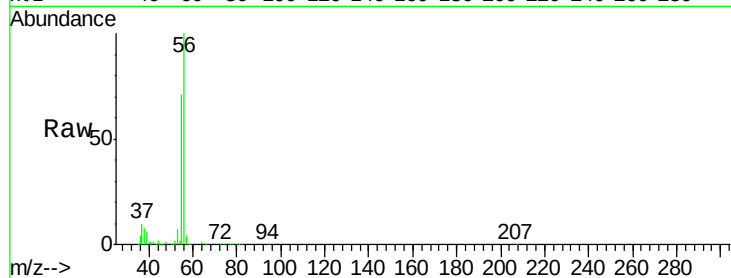
55 71.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 52.278 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

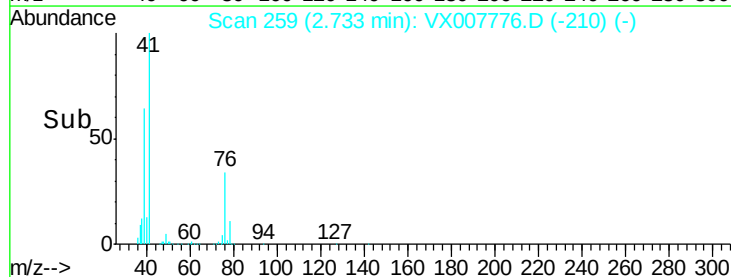
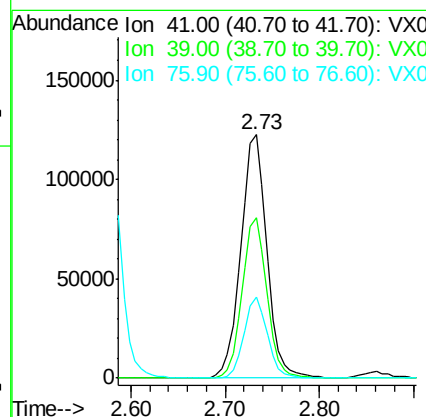
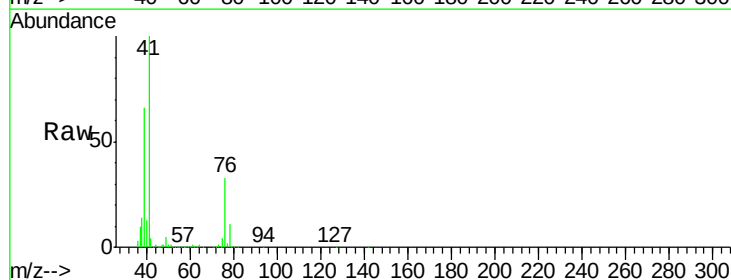
Tgt Ion: 41 Resp: 235946

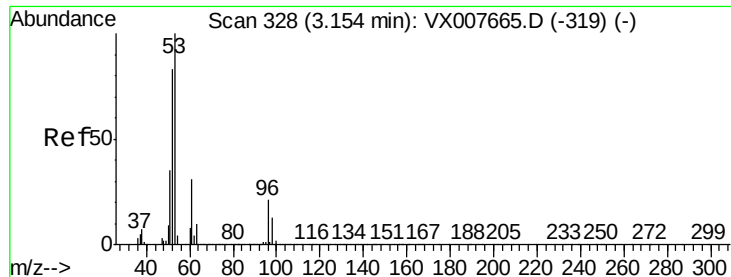
Ion Ratio Lower Upper

41 100

39 62.7 54.1 81.1

76 29.9 27.8 41.8





#15

Acrylonitrile

Concen: 259.116 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

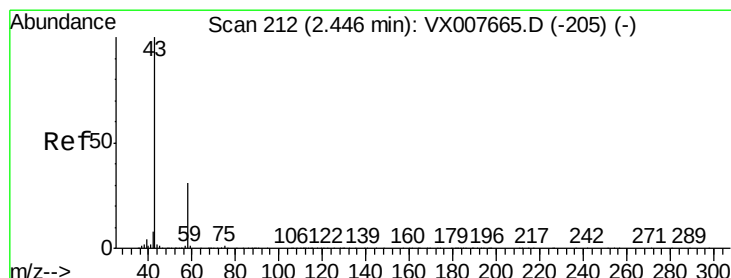
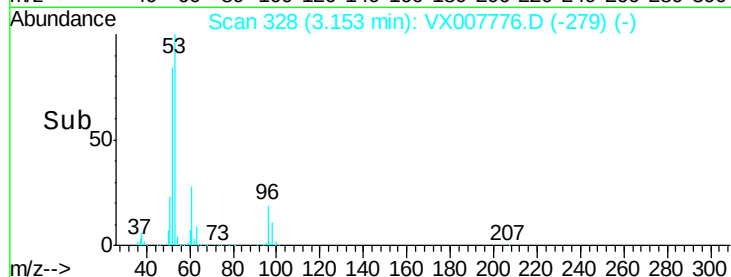
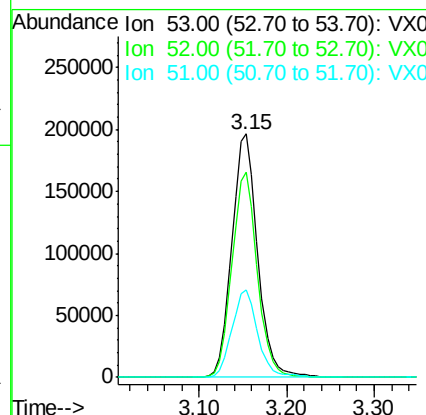
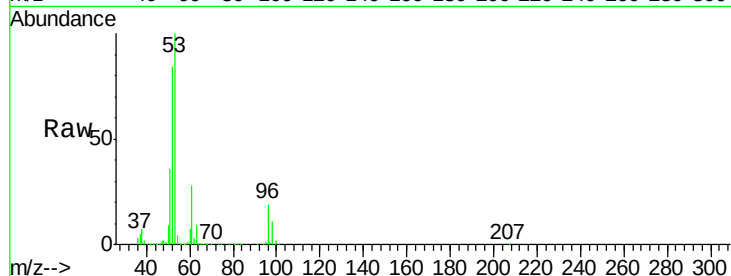
ClientSampled :

A0C1-TWPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		399907		
52	83.3	66.4	99.6		
51	36.1	28.4	42.6		

Manual Integrations
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#16

Acetone

Concen: 224.116 ug/l

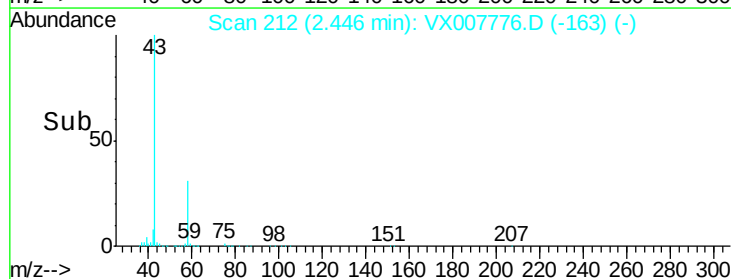
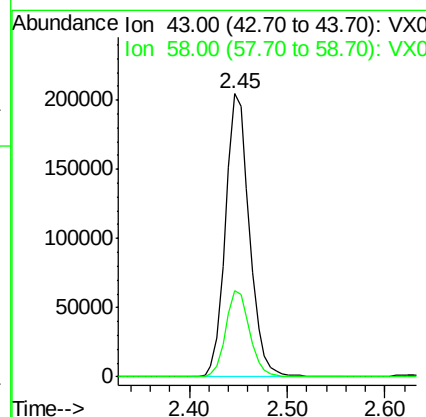
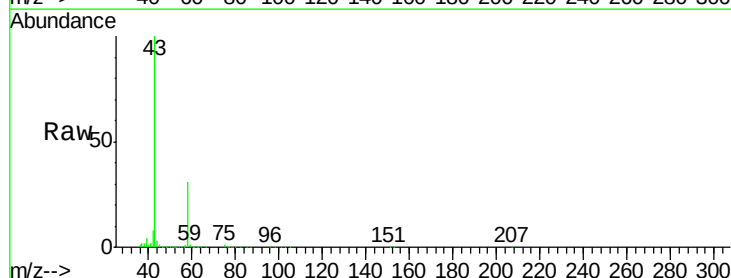
RT: 2.45 min Scan# 212

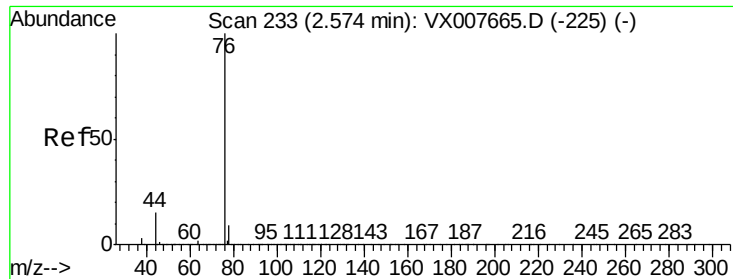
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		344492		
58	30.7	24.9	37.3		





#17

Carbon Disulfide

Concen: 44.836 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 76 Resp: 304473

Ion Ratio Lower Upper

76 100

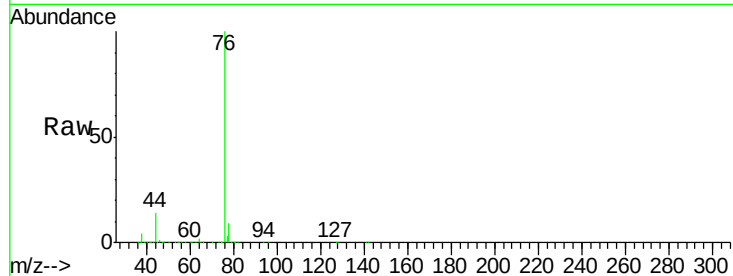
78 9.3 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

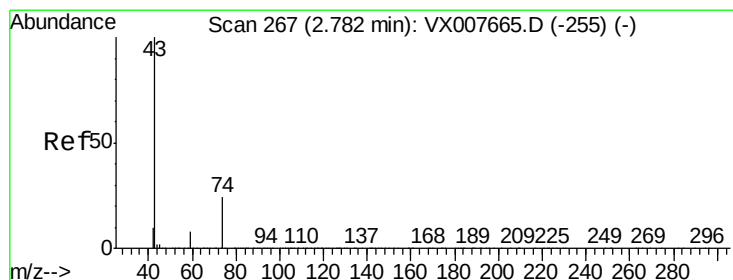
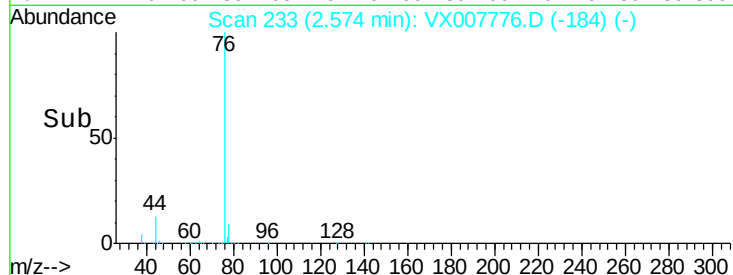
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.707 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007776.D

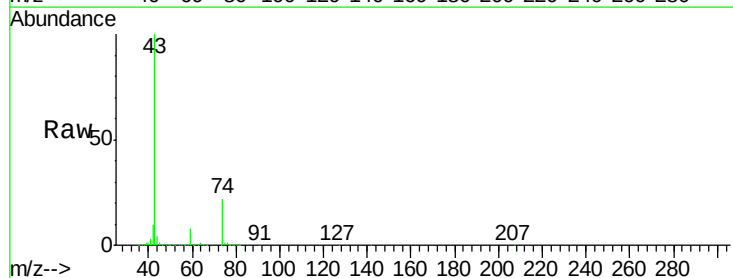
Acq: 28 Feb 2019 19:32

Tgt Ion: 43 Resp: 166723

Ion Ratio Lower Upper

43 100

74 21.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

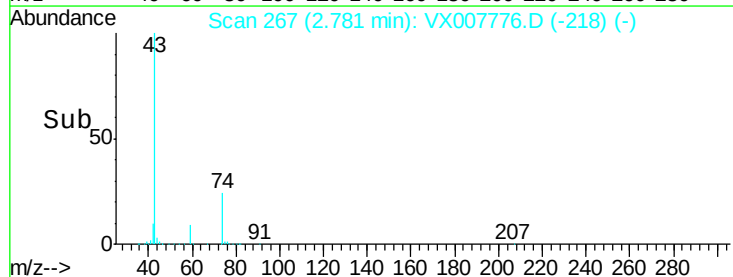
60000

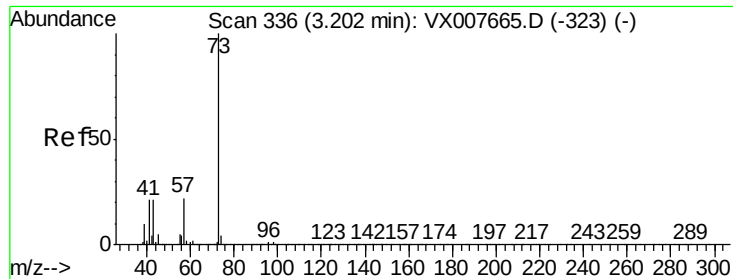
40000

20000

0

Time-->





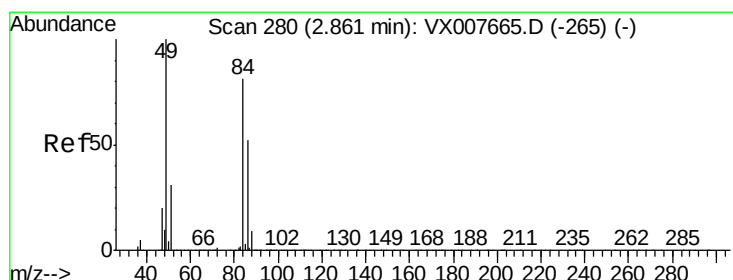
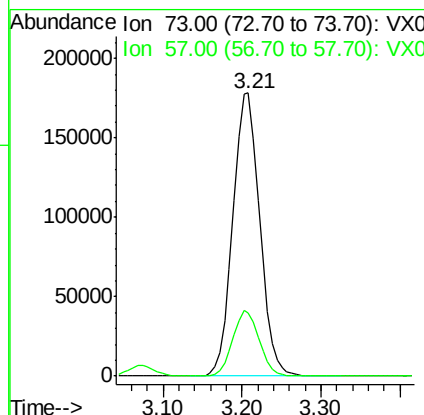
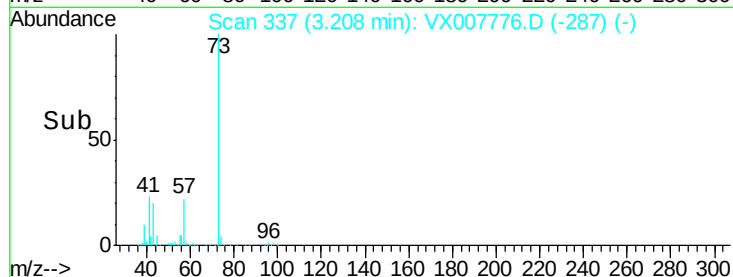
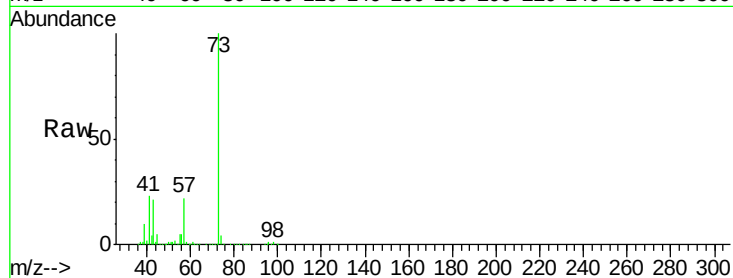
#19
Methyl tert-butyl Ether
Concen: 49.809 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.8

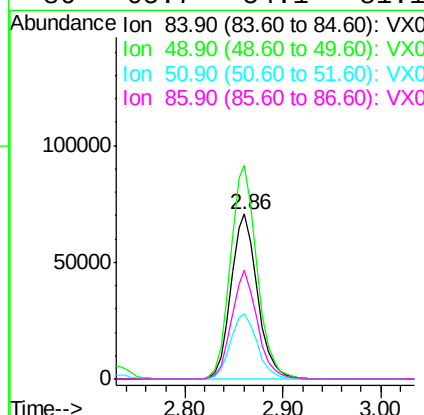
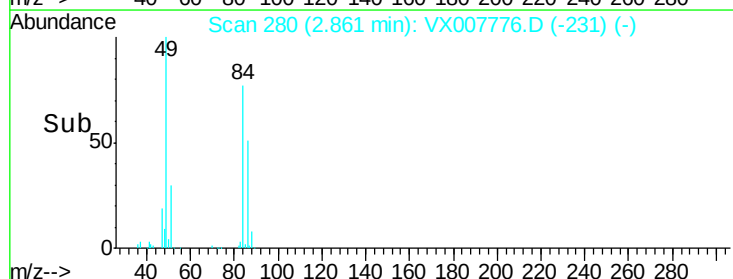
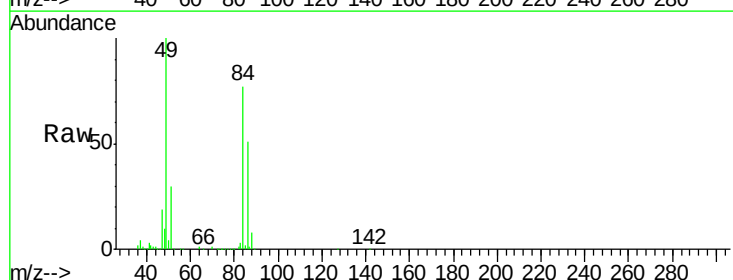
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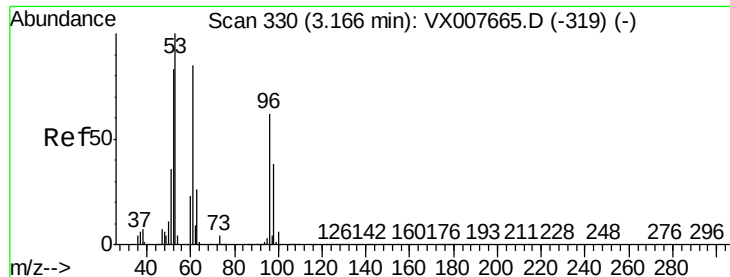
MMDadoda
3/1/2019 10:04:33 AM



#20
Methylene Chloride
Concen: 46.565 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.4	94.8	142.2
51	39.2	29.8	44.8
86	65.7	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 45.939 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

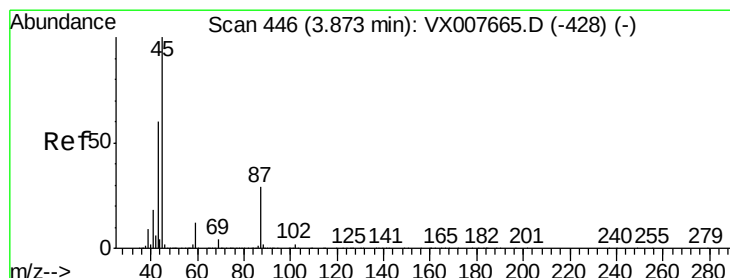
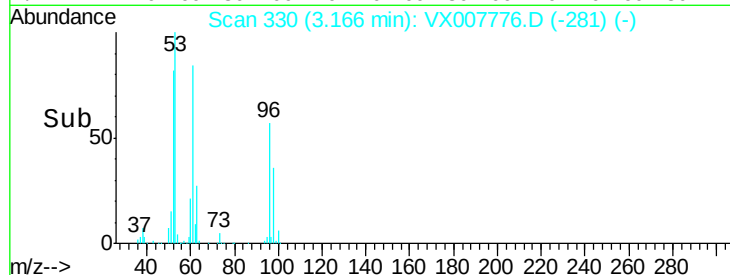
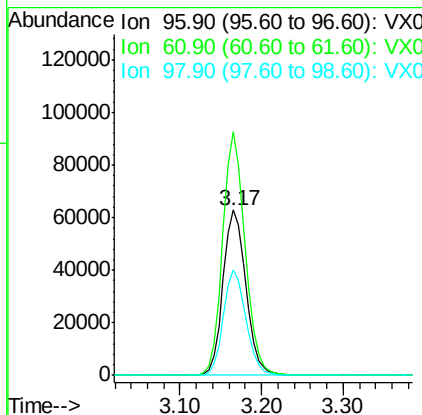
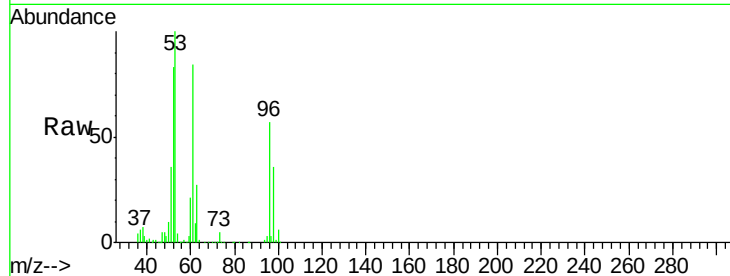
ClientSampleId :

A0C1-TWPMS

Tot Ion:	96	Resp:	121902
Ion	Ratio	Lower	Upper
96	100		
61	147.5	104.6	156.8
98	63.7	51.0	76.4

Manual Integrations
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3/1/2019 10:04:33 AM



#22

Diisopropyl ether

Concen: 52.341 ug/l

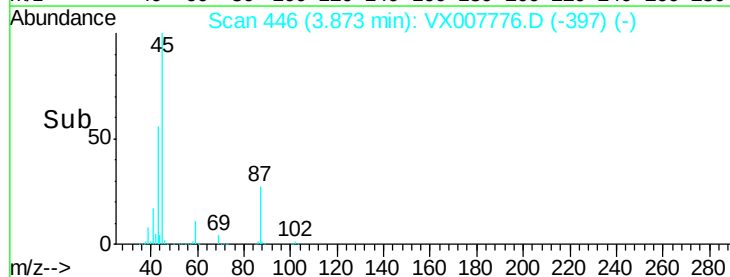
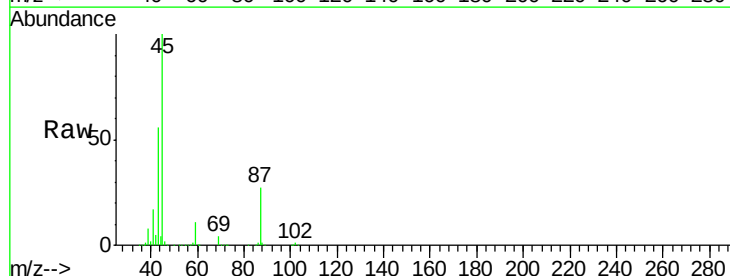
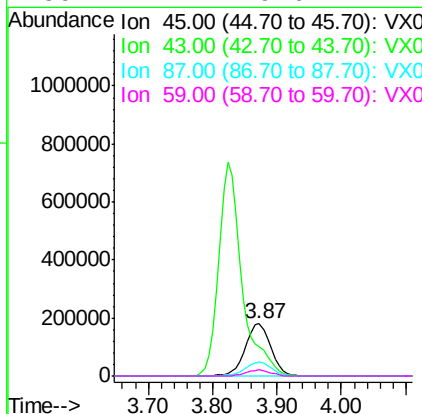
RT: 3.87 min Scan# 446

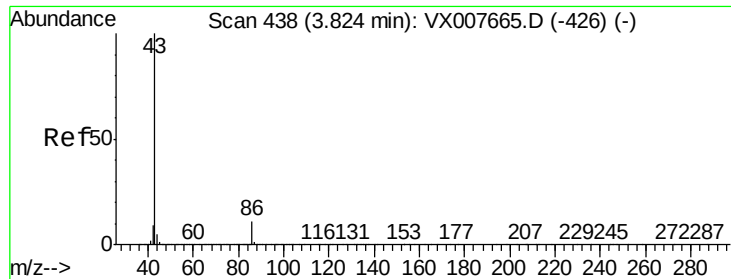
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	45	Resp:	491756
Ion	Ratio	Lower	Upper
45	100		
43	55.7	48.9	73.3
87	26.6	23.9	35.9
59	11.2	9.6	14.4





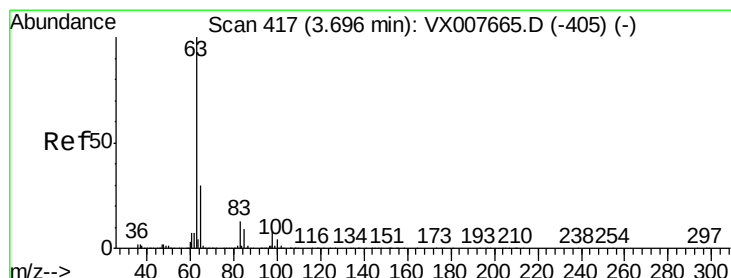
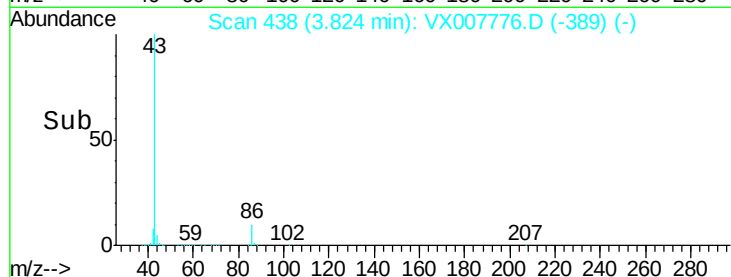
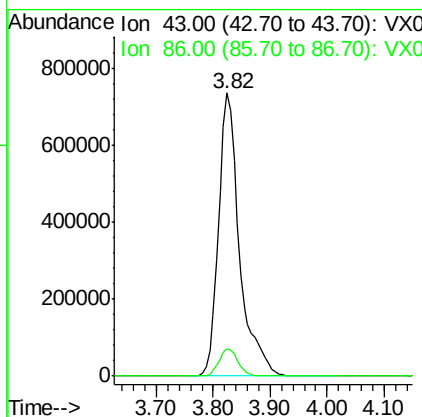
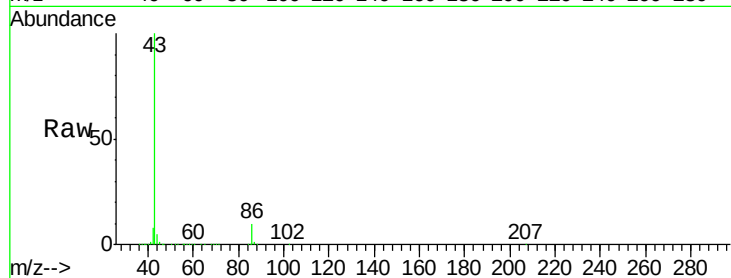
#23
 Vinyl Acetate
 Concen: 228.312 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

Tot Ion: 43 Resp: 1881980
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.7 13.1

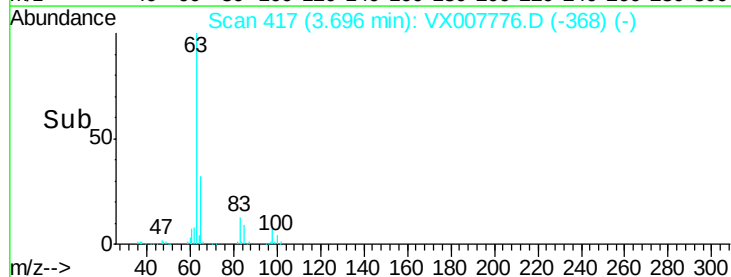
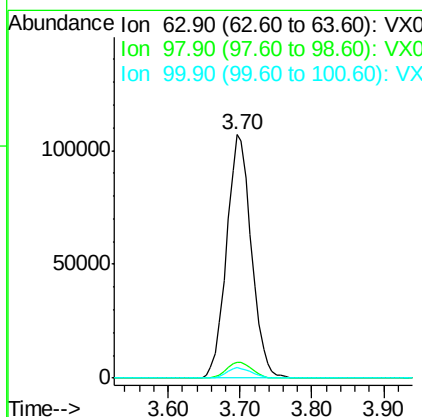
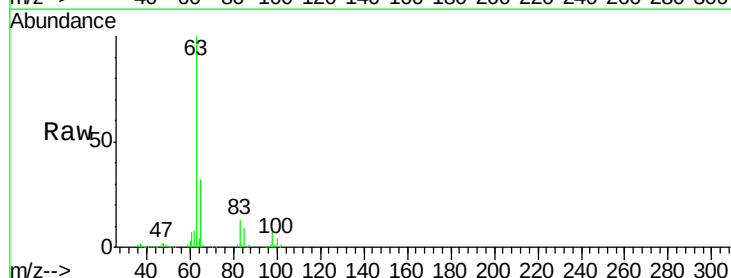
Manual Integrations
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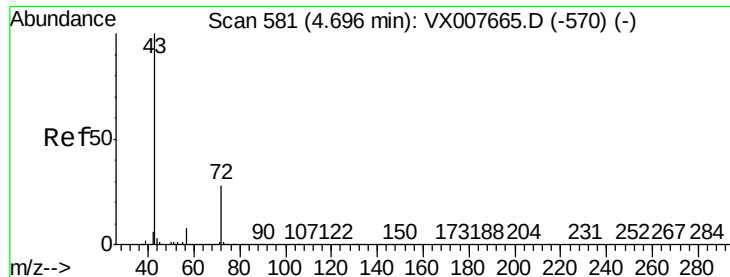
MMDadoda
 3/1/2019 10:04:33 AM



#24
 1,1-Dichloroethane
 Concen: 50.057 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion: 63 Resp: 255597
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 251.898 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tot Ion	43.00	Resp	589801
Ion Ratio	43	100	
Lower	22.2		
Upper	33.2		

Instrument :

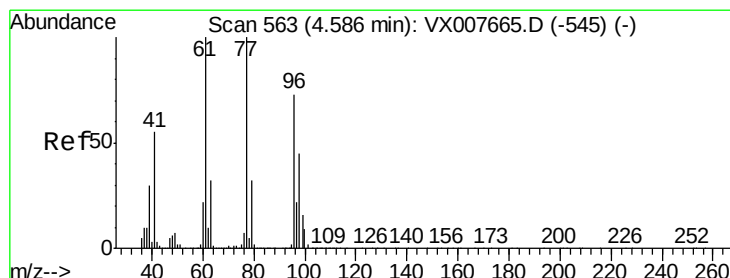
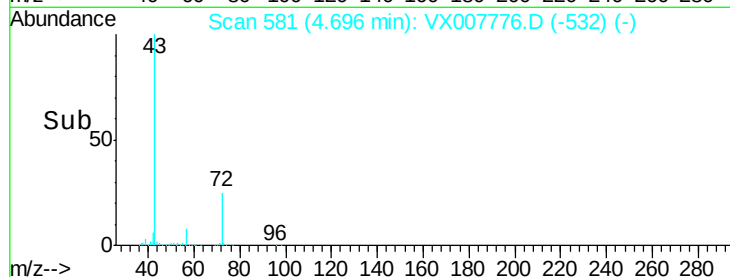
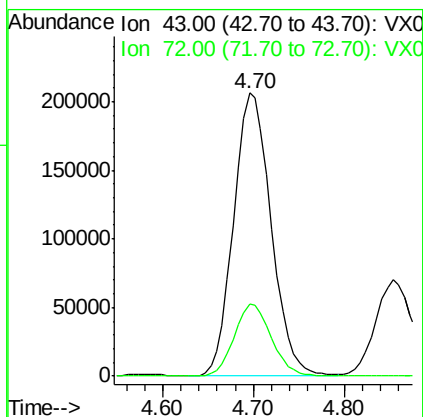
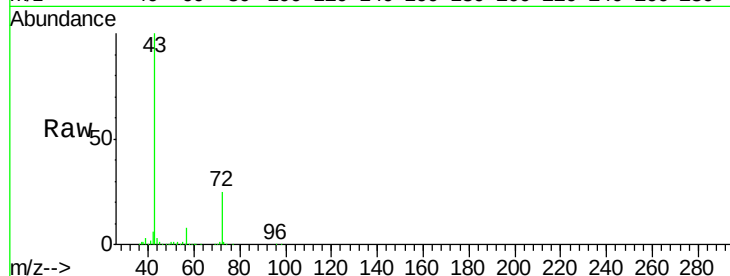
MSVOA_X

ClientSampleId :

A0C1-TWPMS

Manual Integrations
APPROVED

MMDadoda
3/1/2019 10:04:33 AM



#26

2,2-Dichloropropane

Concen: 39.282 ug/l

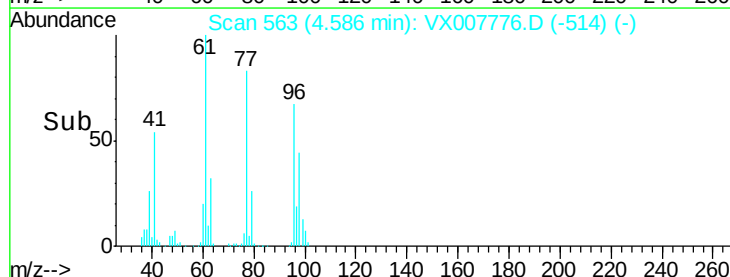
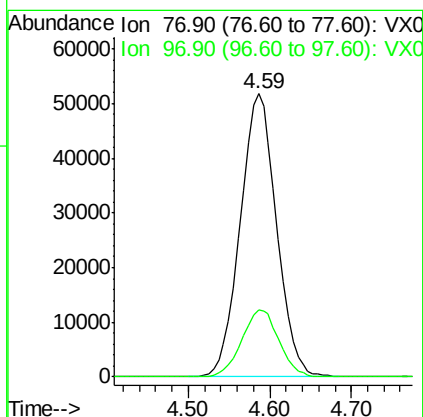
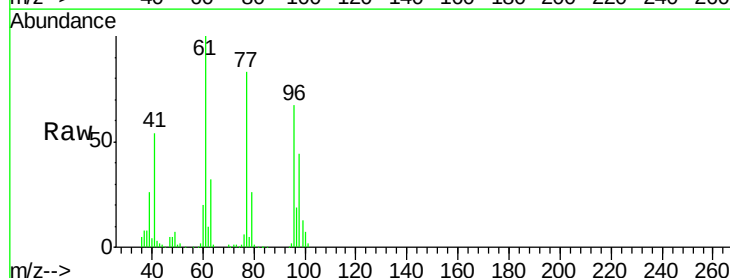
RT: 4.59 min Scan# 563

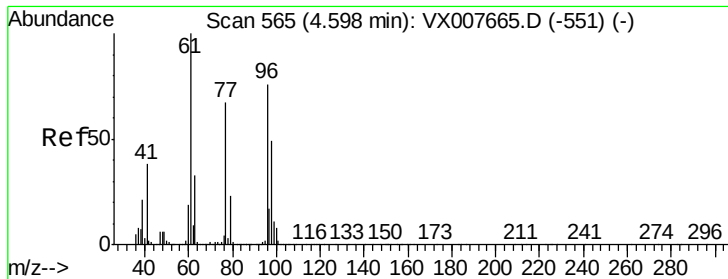
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion	77	Resp	160109
Ion Ratio	77	100	
Lower	12.1		
Upper	36.3		





#27

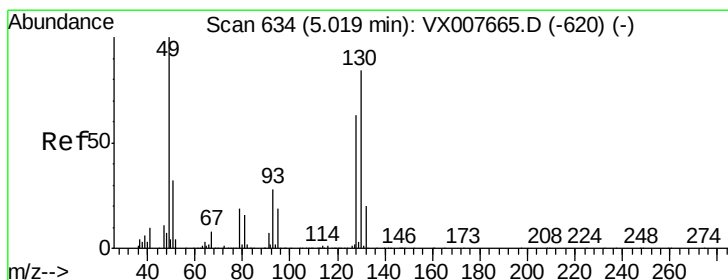
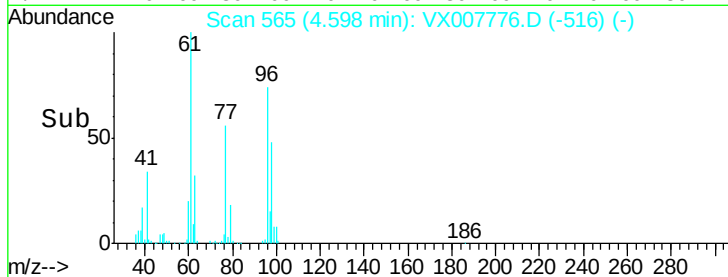
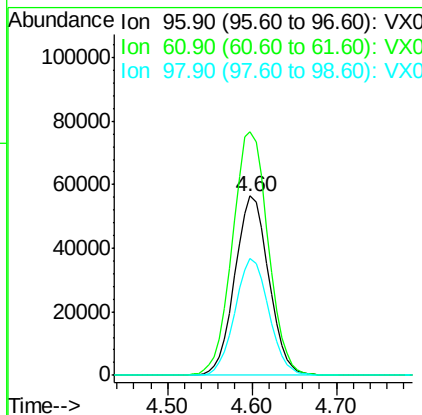
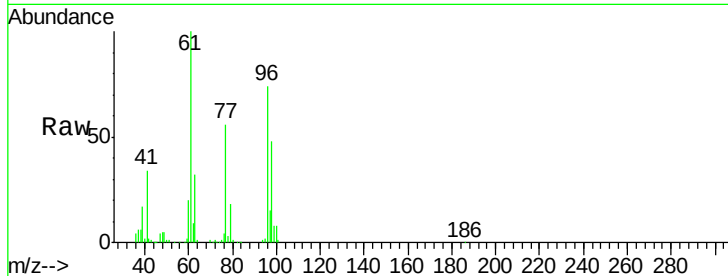
cis-1,2-Dichloroethene
Concen: 45.596 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153952		
61	143.6	0.0	265.6	
98	65.1	0.0	131.6	

Manual Integrations
APPROVED

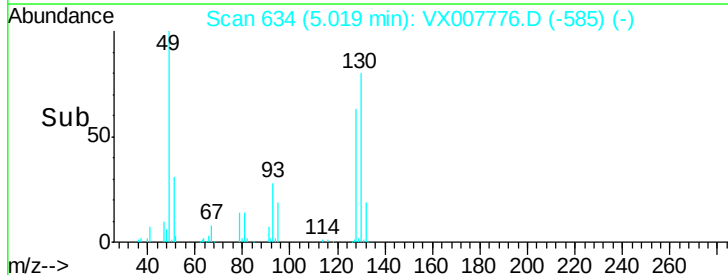
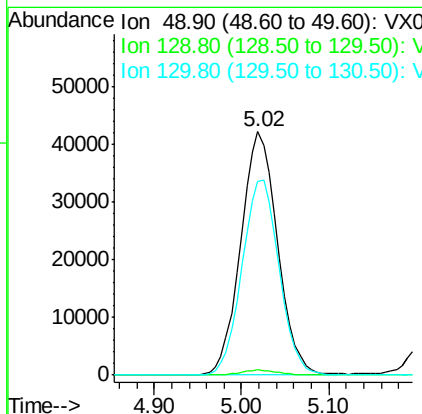
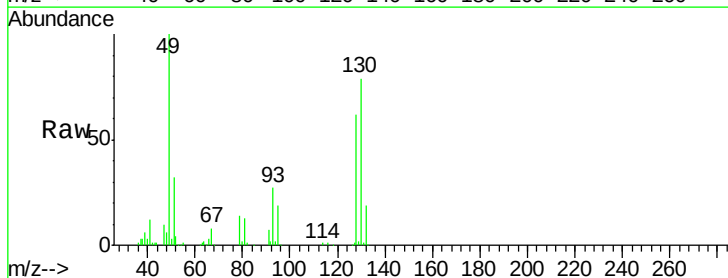
MMDadoda
3/1/2019 10:04:33 AM

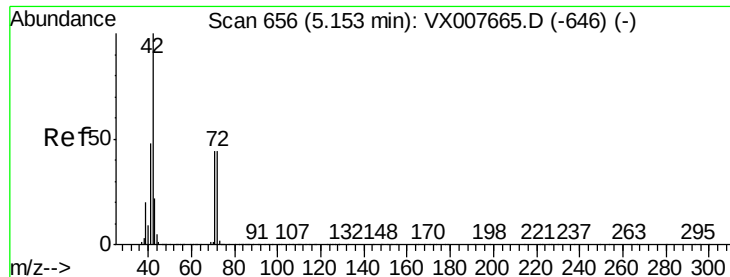


#28

Bromochloromethane
Concen: 49.840 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123893		
129	2.0	0.0	5.6	
130	81.0	75.6	113.4	





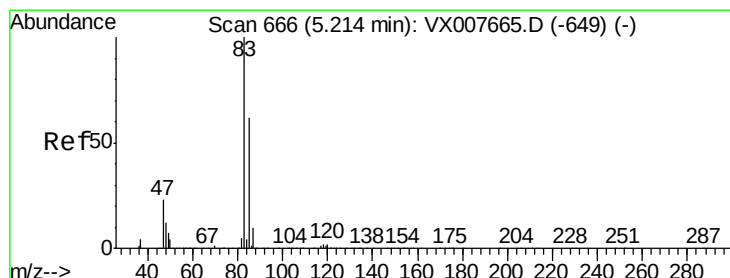
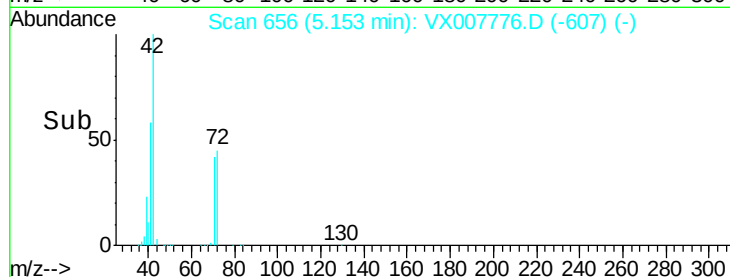
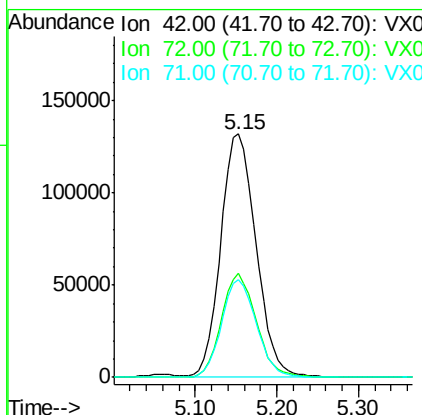
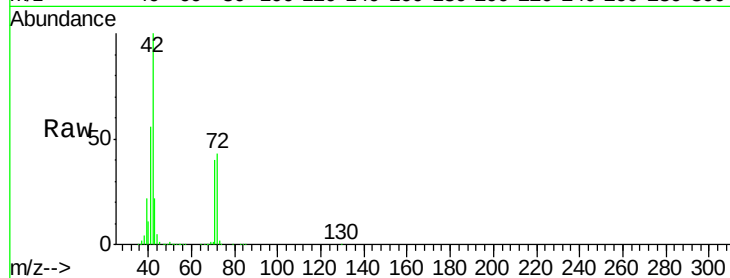
#29
Tetrahydrofuran
Concen: 255.129 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	37.6	56.4
71	39.7	34.6	51.8

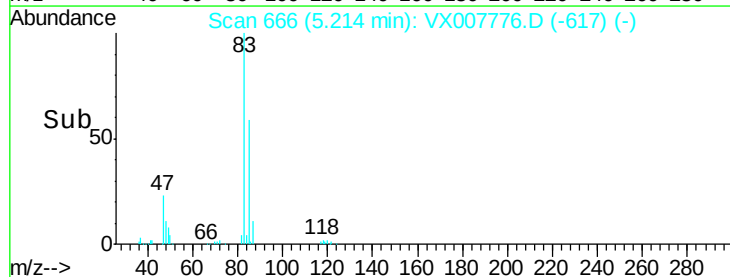
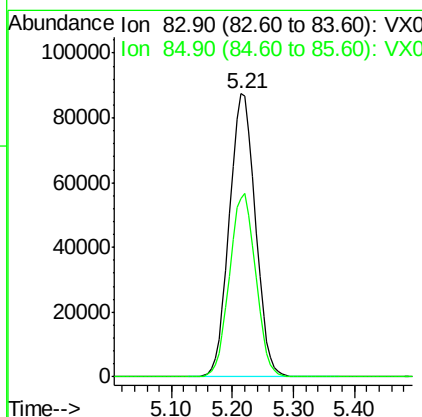
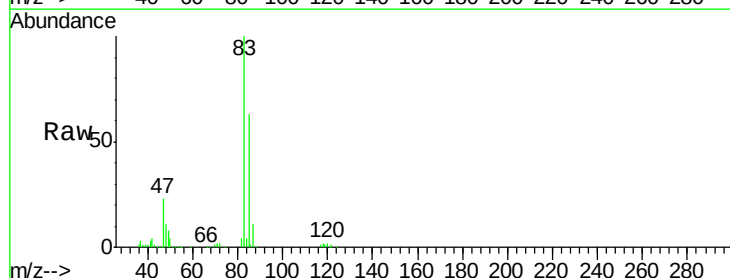
Manual Integrations
APPROVED

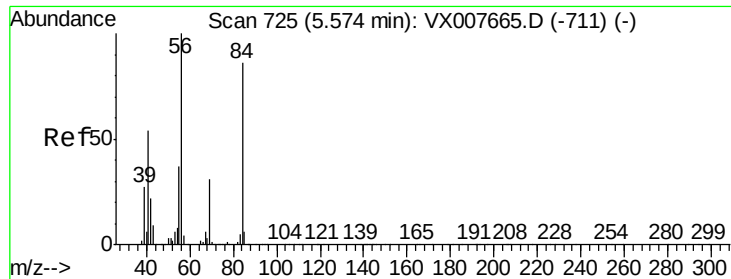
MMDadoda
3/1/2019 10:04:33 AM



#30
Chloroform
Concen: 46.855 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4





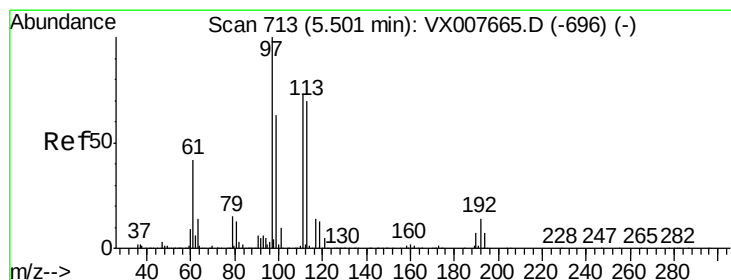
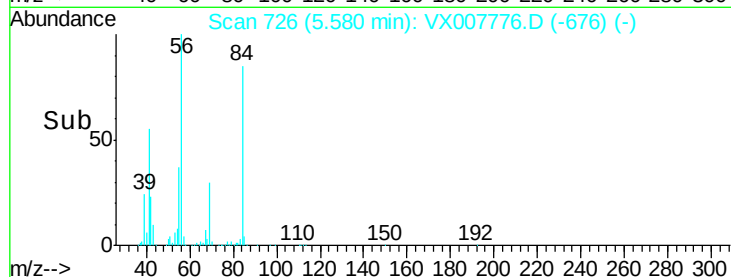
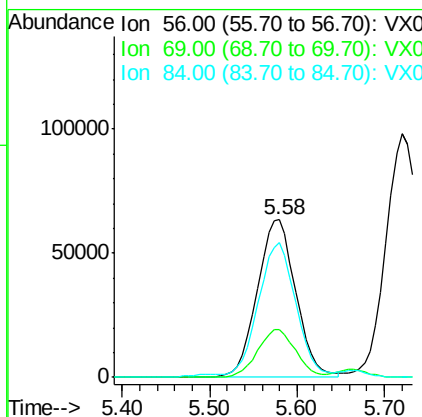
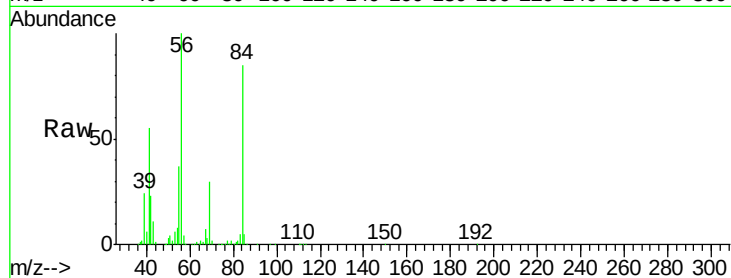
#31
Cyclohexane
Concen: 40.483 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.0	34.6
84	84.2	69.8	104.6

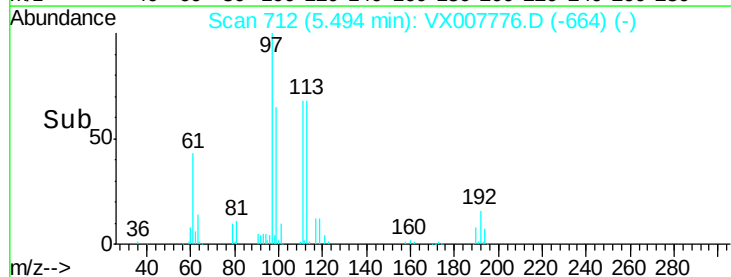
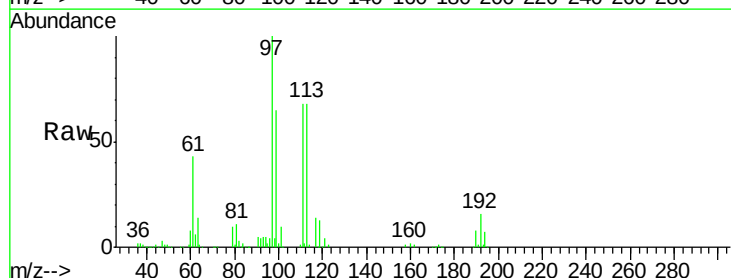
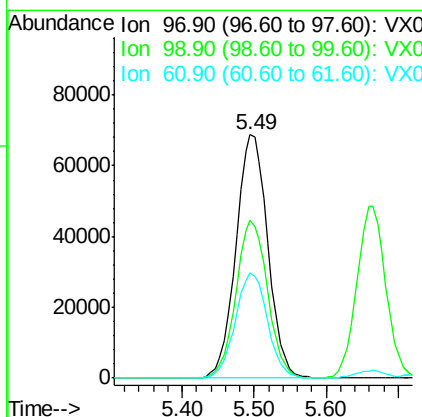
Manual Integrations
APPROVED

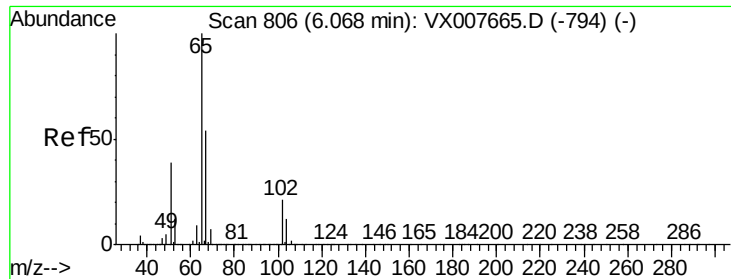
MMDadoda
3/1/2019 10:04:33 AM



#32
1,1,1-Trichloroethane
Concen: 46.603 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	43.7	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 50.819 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 65 Resp: 175656

Ion Ratio Lower Upper

65 100

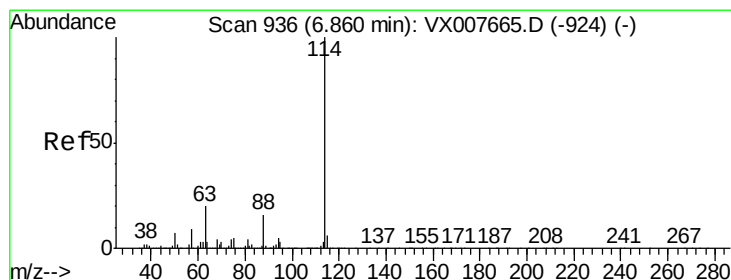
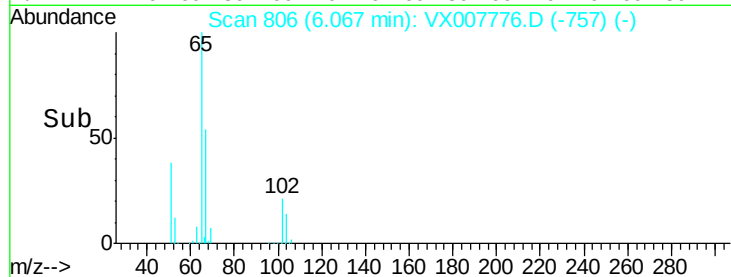
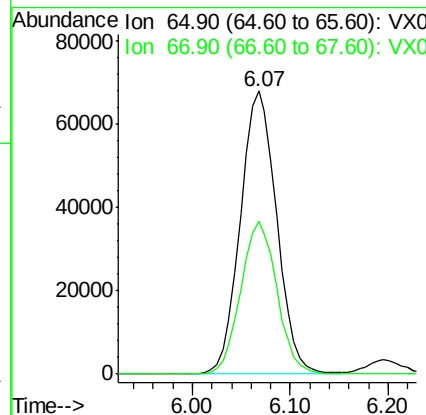
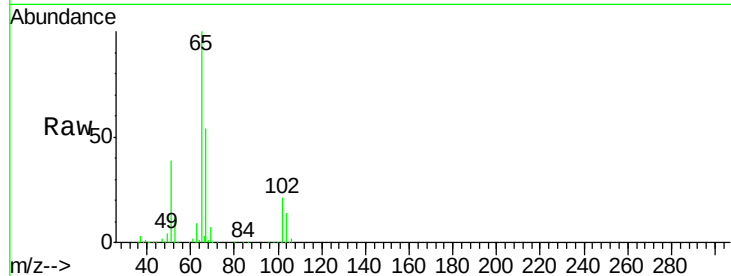
67 53.8 0.0 108.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

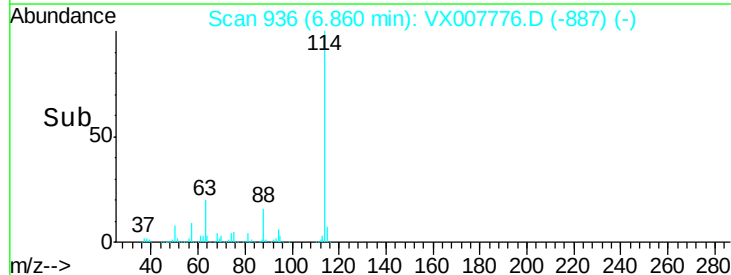
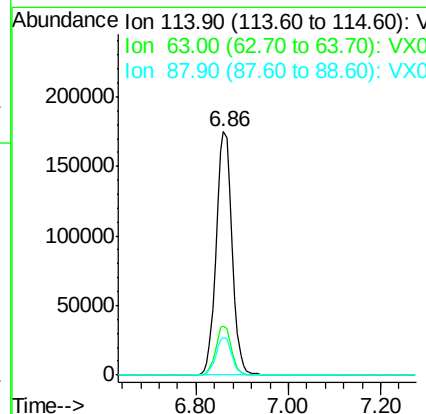
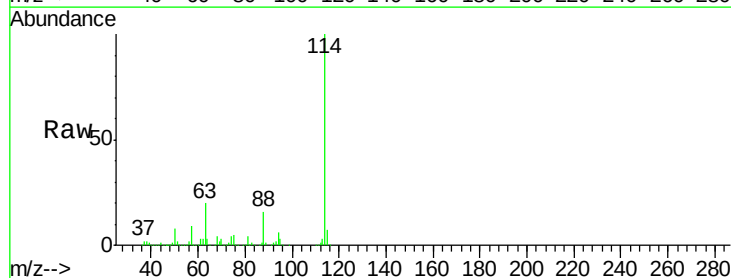
Tgt Ion: 114 Resp: 417359

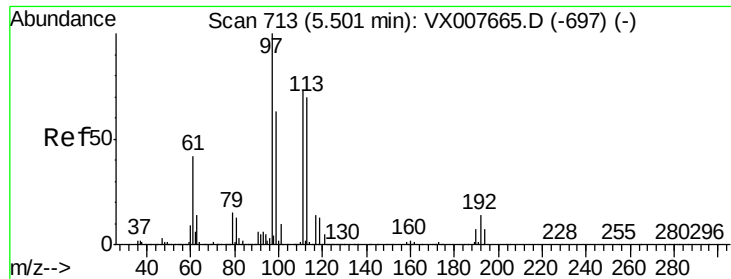
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.6

88 15.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.792 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

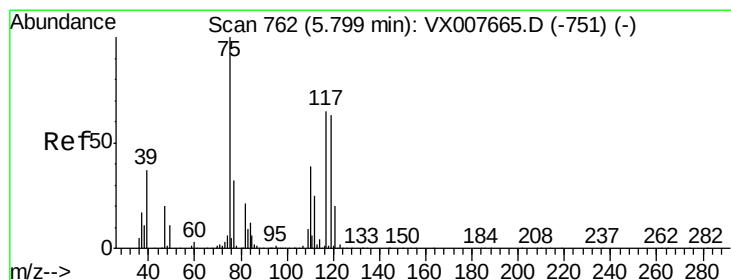
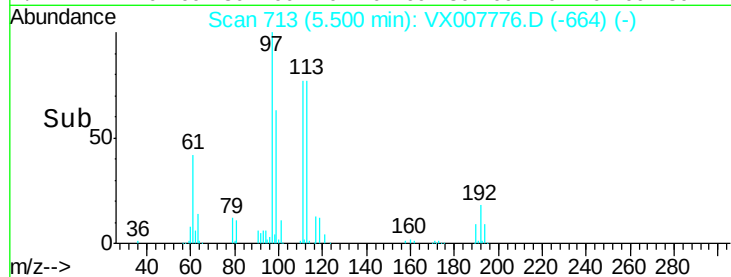
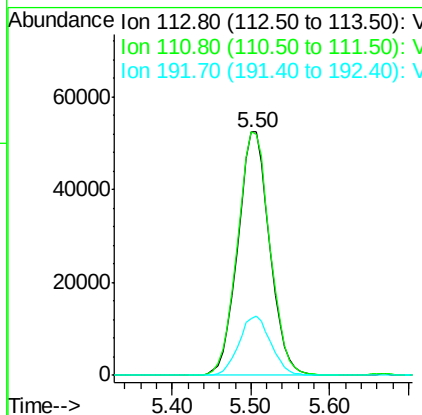
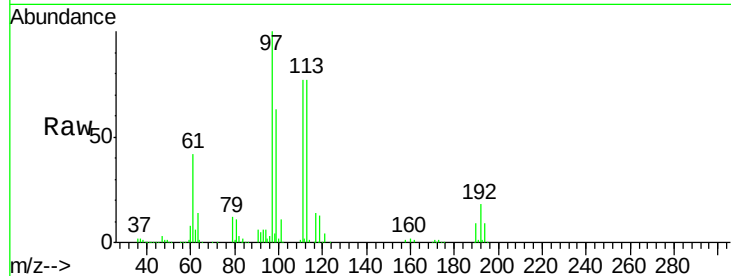
ClientSampleId :

A0C1-TWPMS

Tot Ion:	113	Resp:	147286
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.8
192	24.4	18.5	27.7

Manual Integrations
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3/1/2019 10:04:33 AM



#36

1,1-Dichloropropene

Concen: 47.865 ug/l

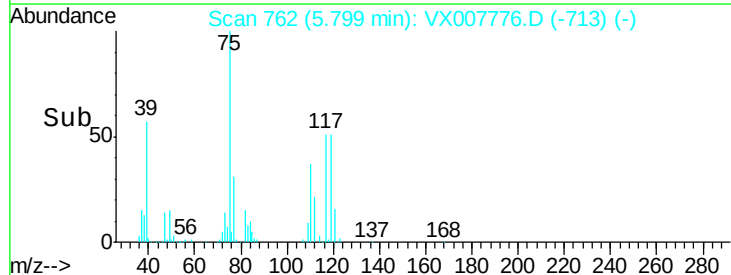
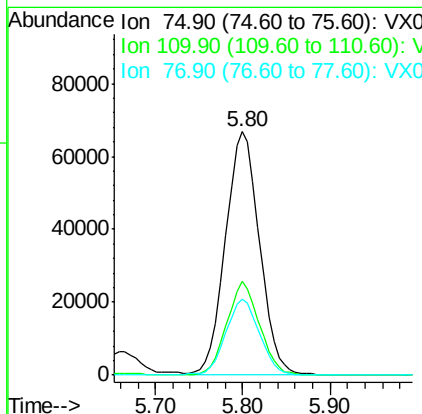
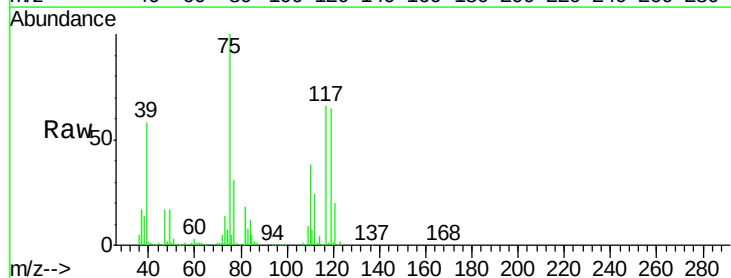
RT: 5.80 min Scan# 762

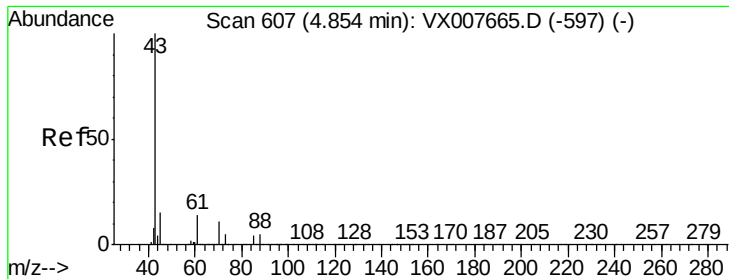
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	75	Resp:	179598
Ion Ratio	Lower	Upper	
75	100		
110	37.2	20.0	59.9
77	31.5	24.7	37.1





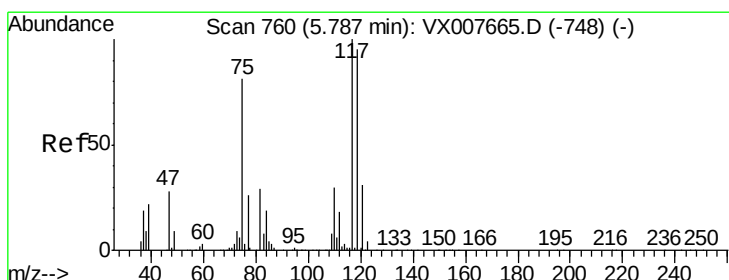
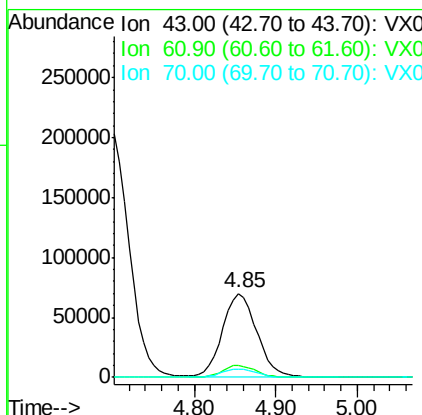
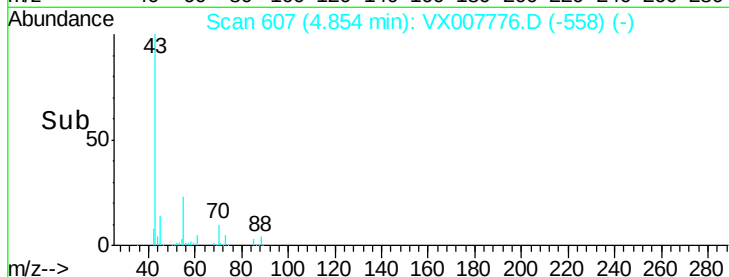
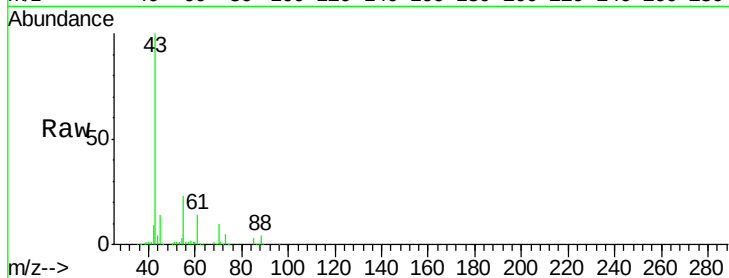
#37
Ethyl Acetate
Concen: 48.743 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion:	43	Resp:	203165
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.5	8.6	13.0

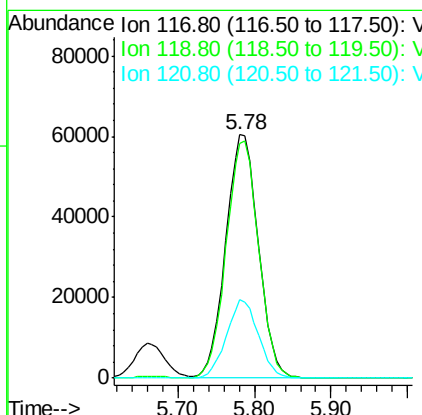
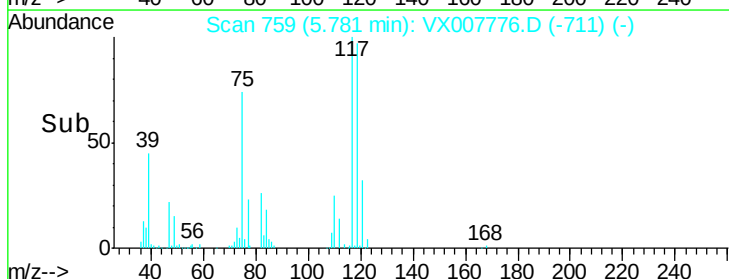
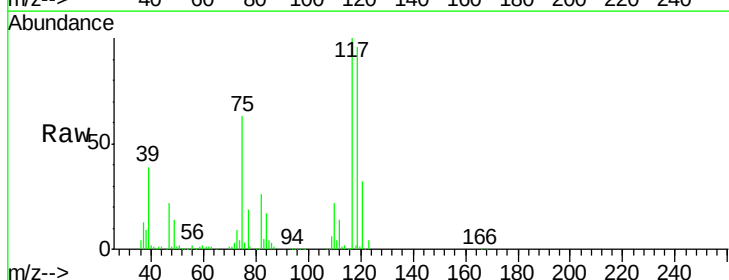
Manual Integrations
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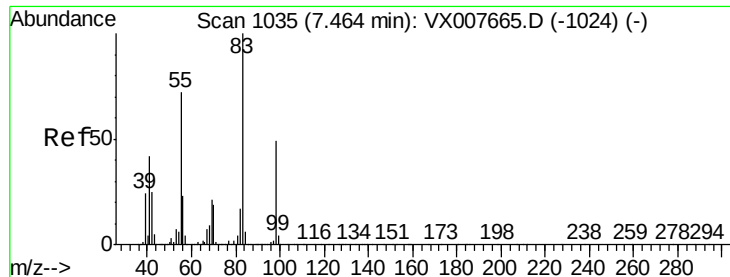
MMDadoda
3/1/2019 10:04:33 AM



#38
Carbon Tetrachloride
Concen: 47.363 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion:	117	Resp:	178518
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.3	112.9
121	32.1	25.0	37.4





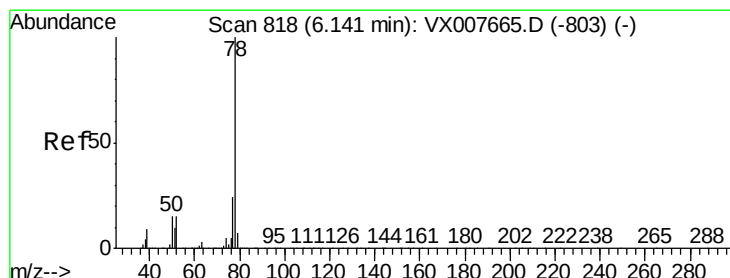
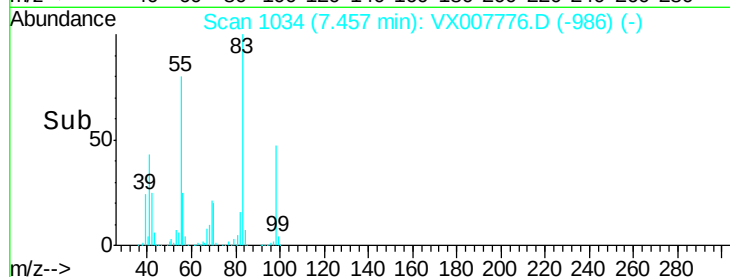
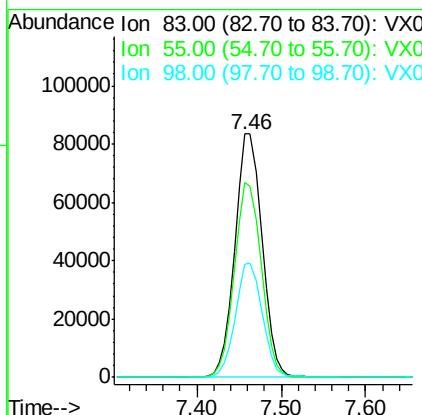
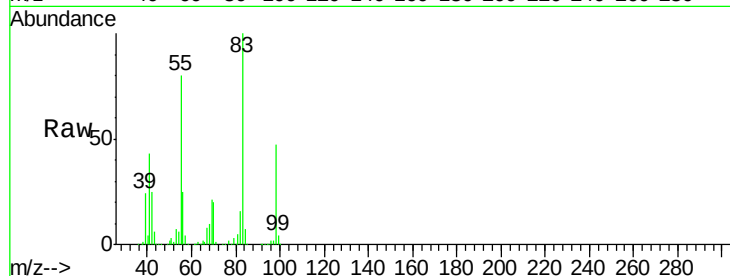
#39
Methylvlcyclohexane
Concen: 38.436 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	182275		
55	80.0		56.2	84.2
98	46.5		36.8	55.2

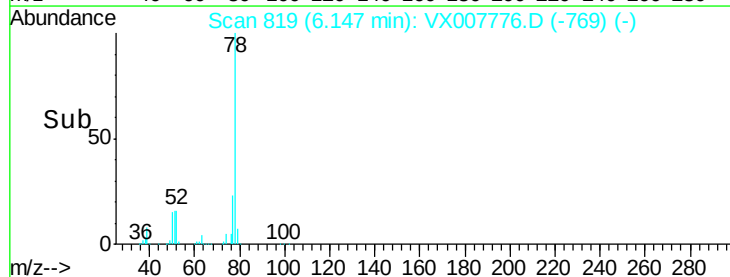
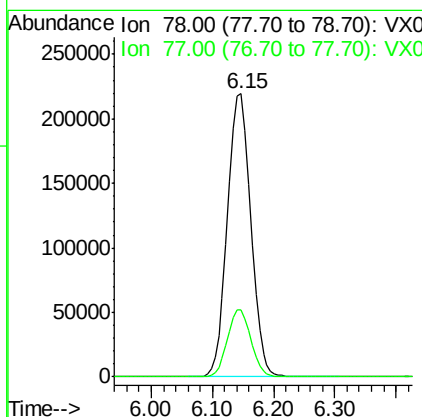
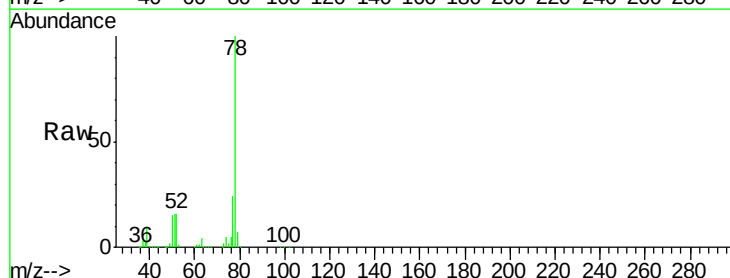
Manual Integrations
APPROVED

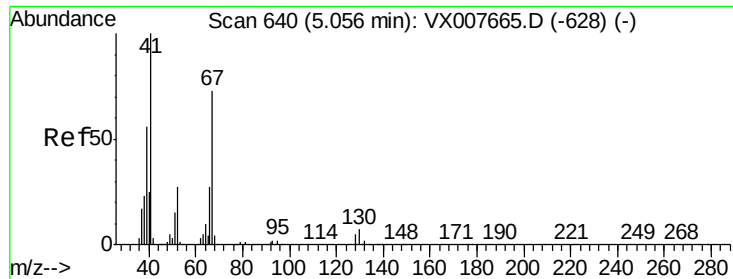
MMDadoda
3/1/2019 10:04:33 AM



#40
Benzene
Concen: 50.088 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	580165		
77	23.7		19.3	28.9





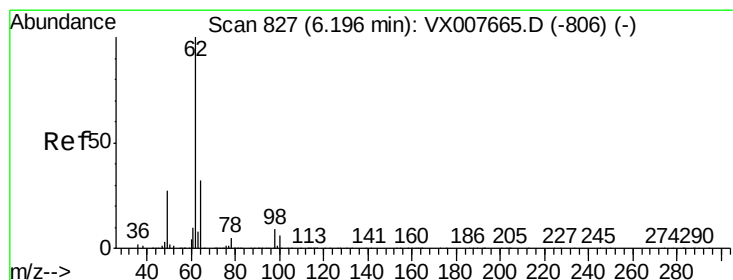
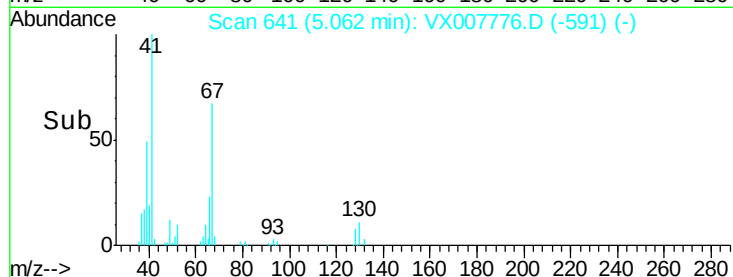
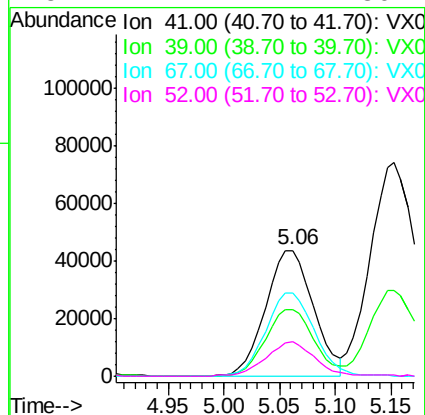
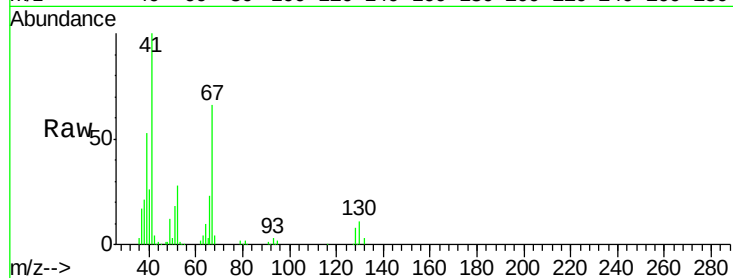
#41
Methacrylonitrile
Concen: 58.515 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		130236		
39	53.8	44.5	66.7		
67	67.9	60.4	90.6		
52	27.7	24.1	36.1		

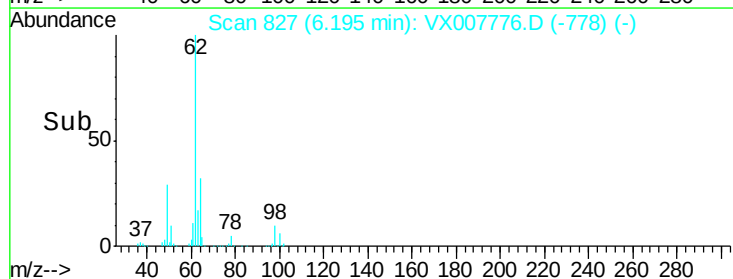
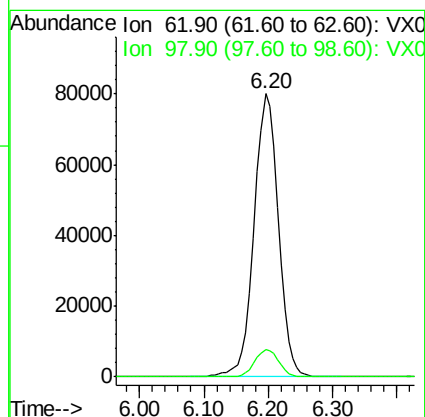
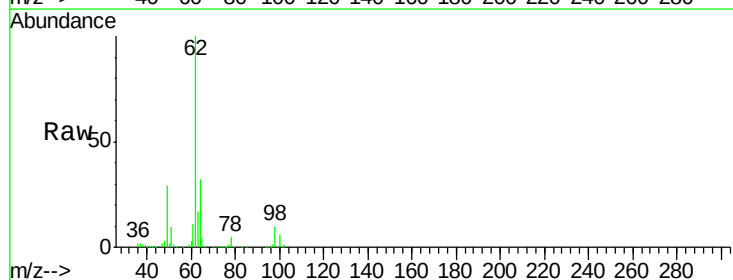
Manual Integrations
APPROVED

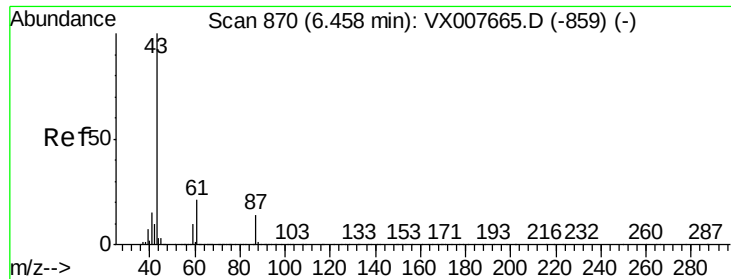
MMDadoda
3/1/2019 10:04:33 AM



#42
1,2-Dichloroethane
Concen: 52.814 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		205609		
98	9.6	0.0	19.0		





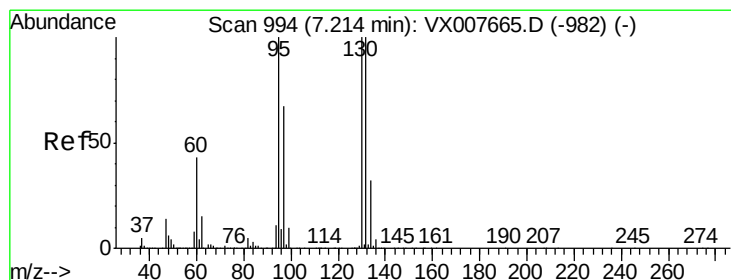
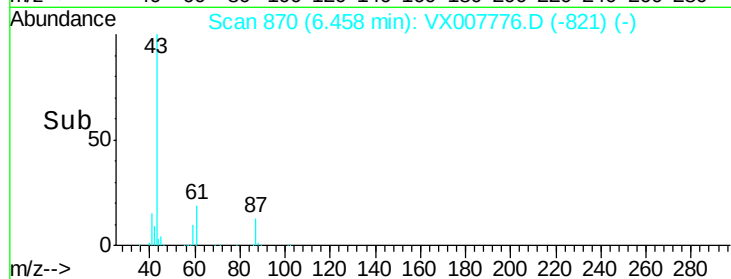
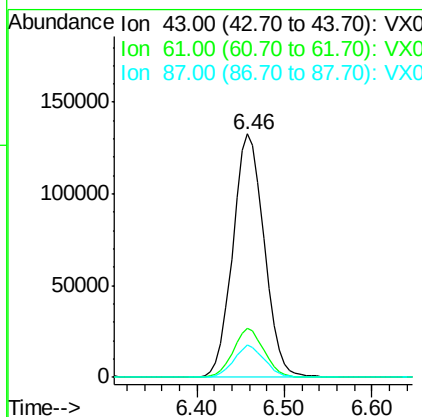
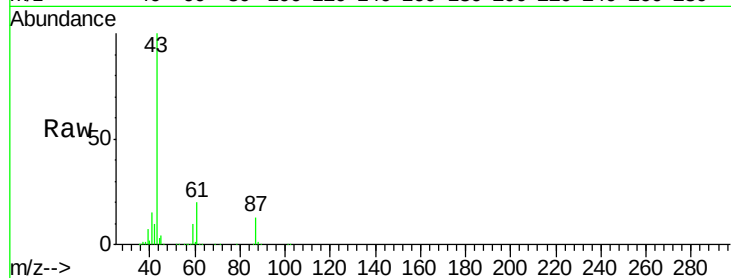
#43
Isopropyl Acetate
Concen: 51.558 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
43	100	330738		
61	19.8		16.1	24.1
87	12.9		11.5	17.3

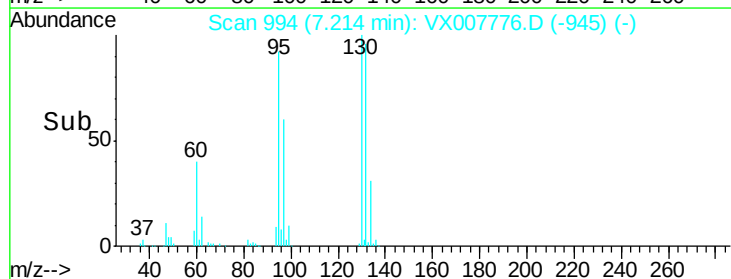
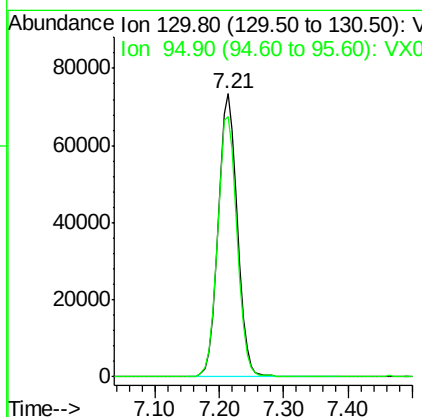
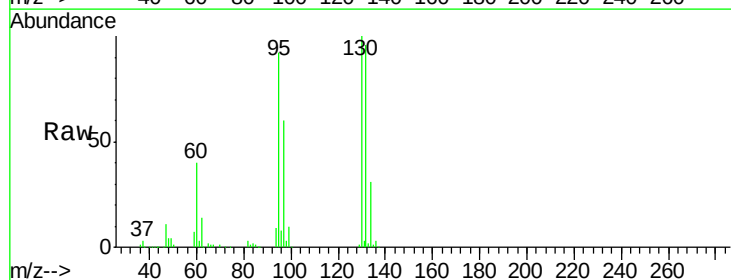
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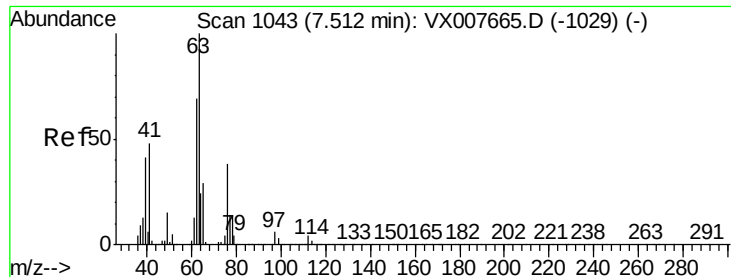
MMDadoda
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#44
Trichloroethene
Concen: 48.474 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	154454		
95	91.8		0.0	180.0





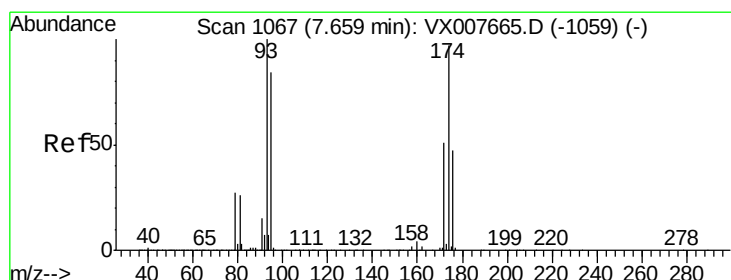
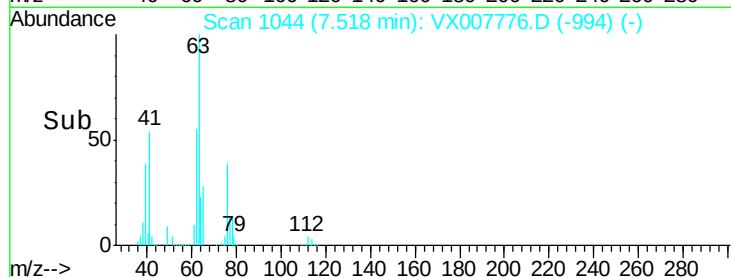
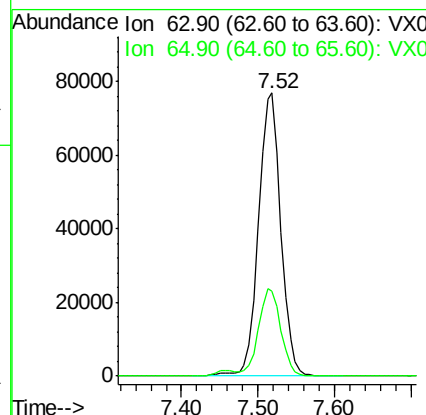
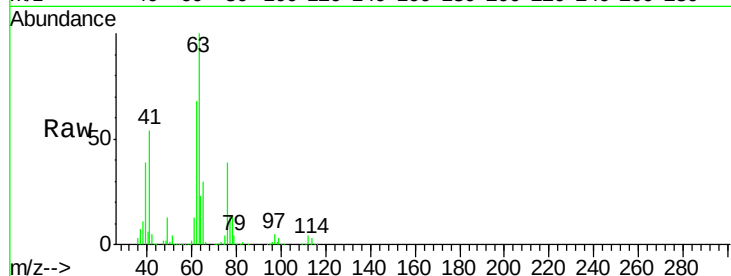
#45
 1,2-Dichloropropane
 Concen: 52.242 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.2	36.2

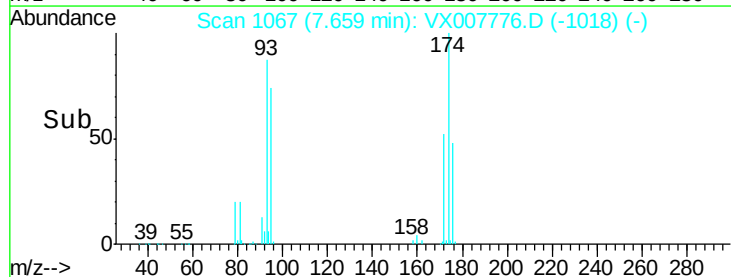
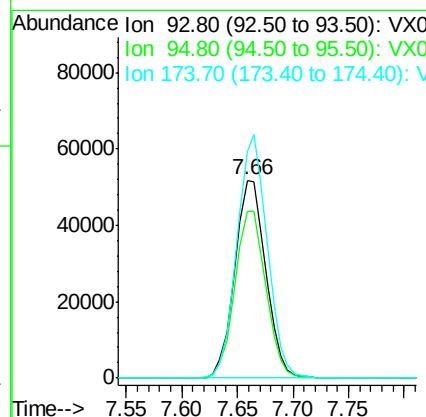
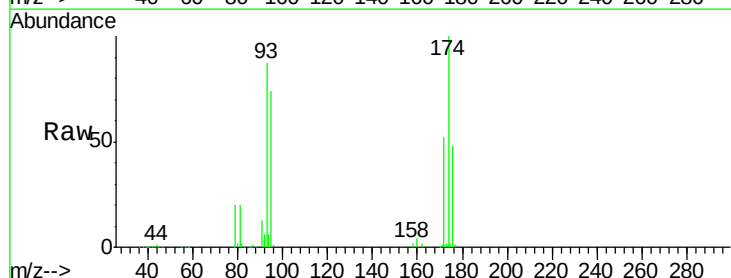
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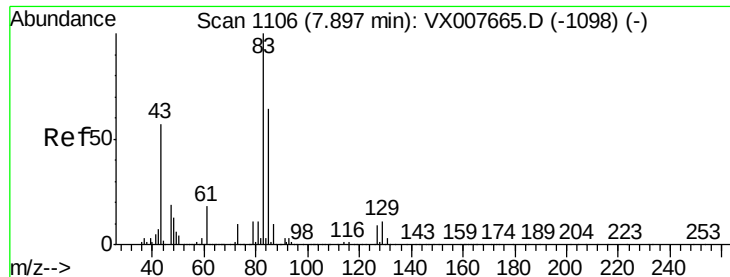
MMDadoda
 3/1/2019 10:04:33 AM



#46
 Dibromomethane
 Concen: 47.924 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.6	101.4
174	120.1	94.2	141.4





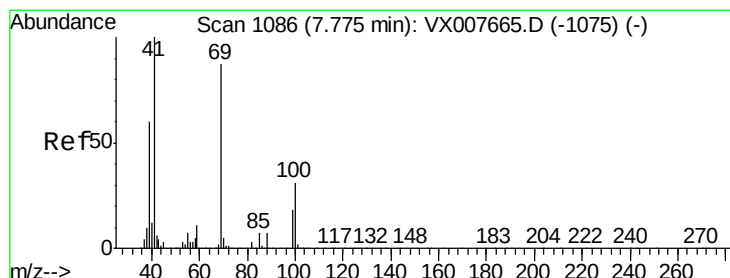
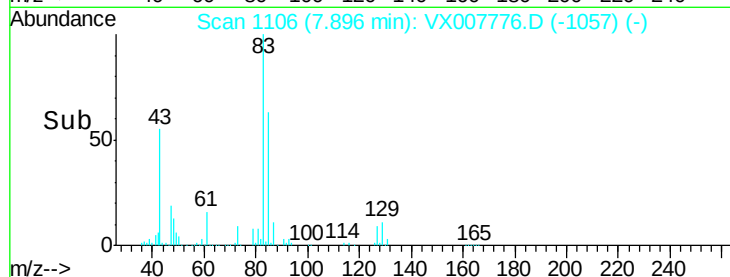
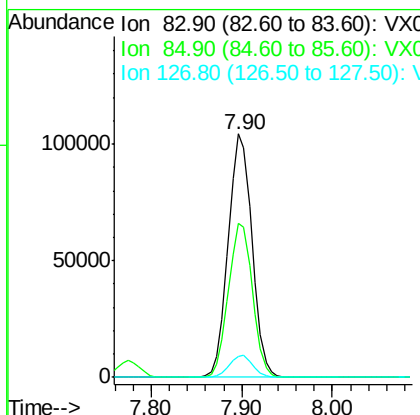
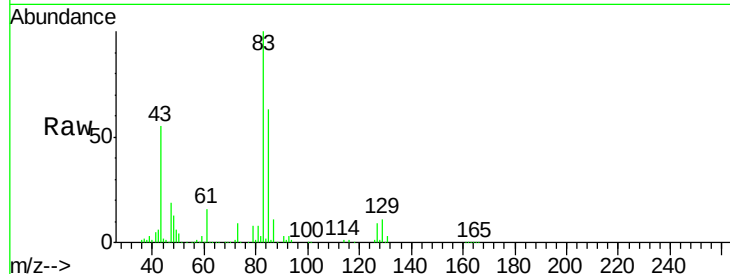
#47
Bromodichloromethane
Concen: 52.380 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	190005		
85	63.2		51.4	77.0
127	8.7		8.1	12.1

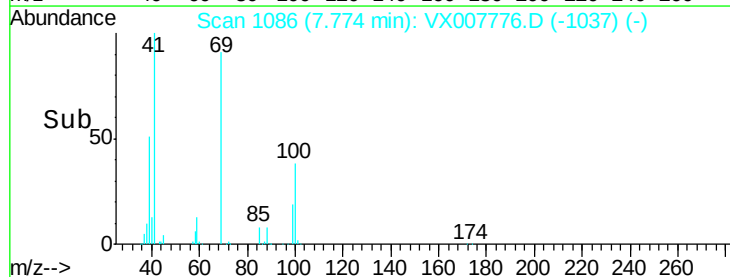
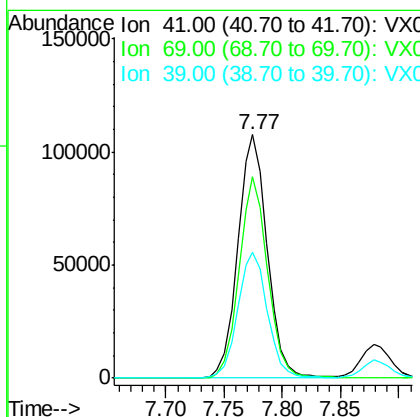
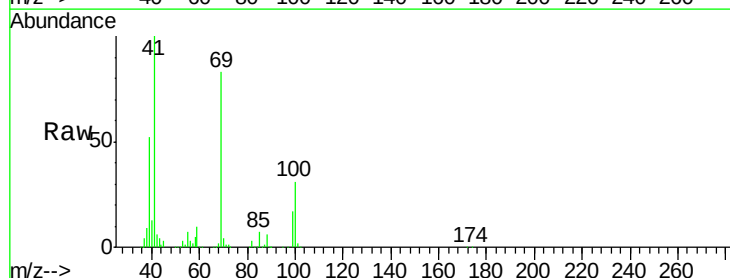
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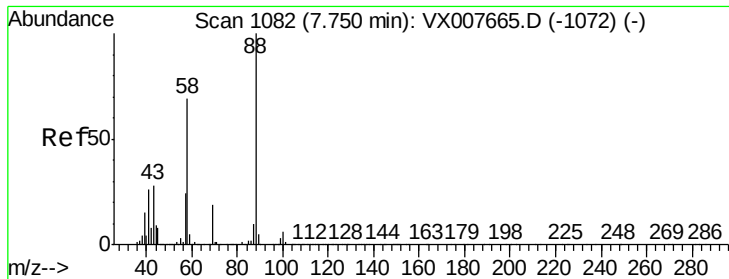
MMDadoda
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#48
Methyl methacrylate
Concen: 56.144 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	188790		
69	81.0		70.2	105.4
39	52.1		47.4	71.0





#49

1,4-Dioxane

Concen: 884.638 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

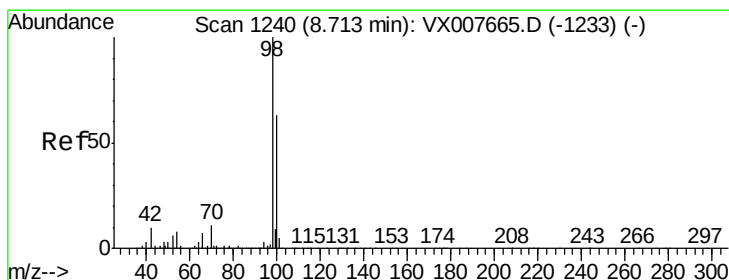
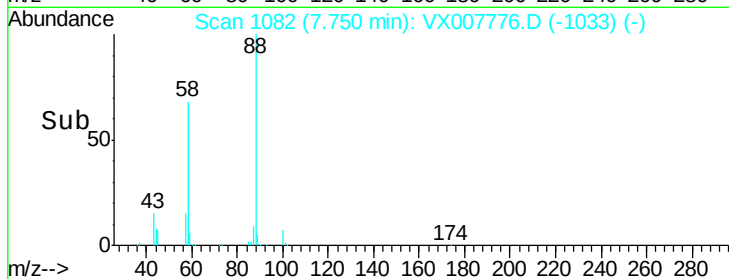
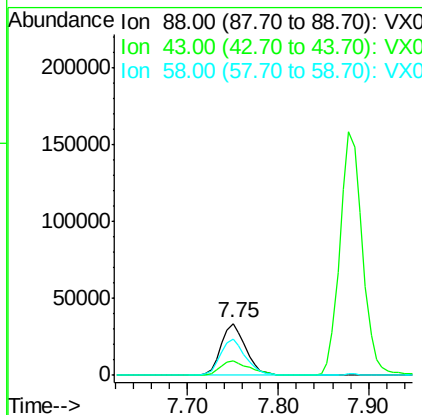
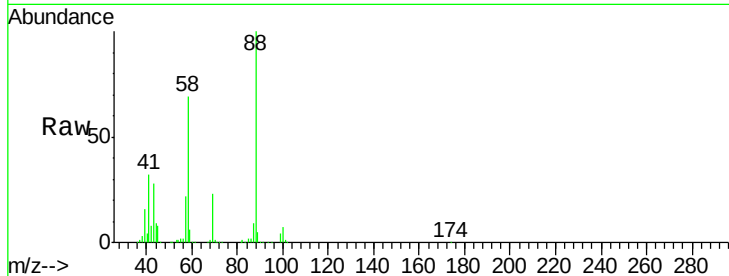
ClientSampleId :

A0C1-TWPMS

Tot Ion:	88	Resp:	64248
Ion	Ratio	Lower	Upper
88	100		
43	33.2	24.2	36.4
58	71.5	53.0	79.4

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#50

Toluene-d8

Concen: 49.881 ug/l

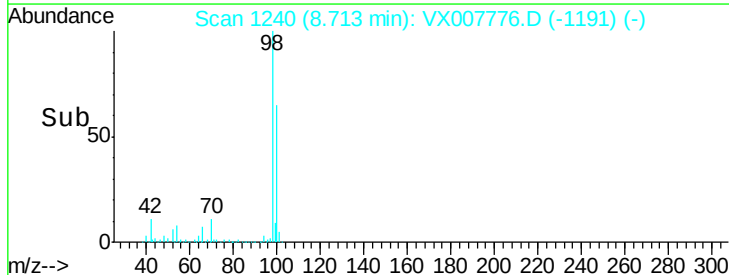
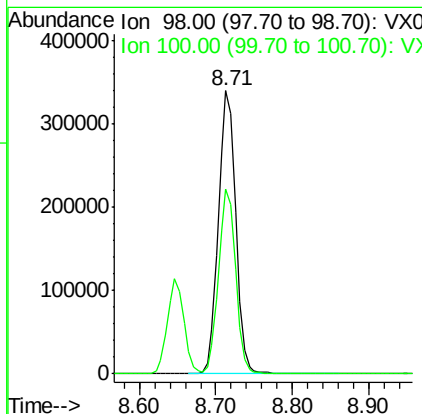
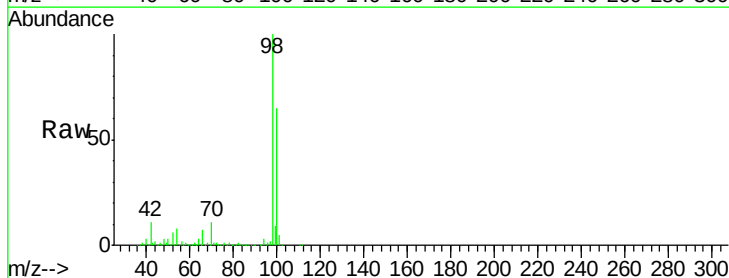
RT: 8.71 min Scan# 1240

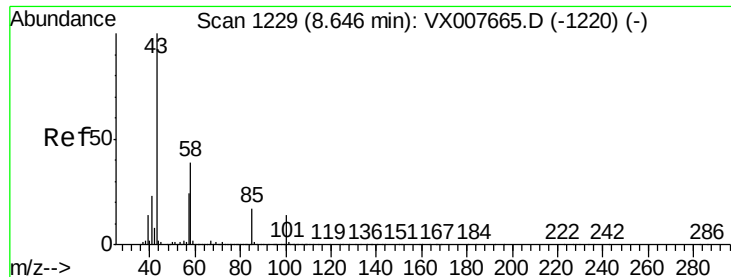
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	98	Resp:	532775
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 269.995 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampled :

A0C1-TWPMS

Tot Ion: 43 Resp: 1159362

Ion Ratio Lower Upper

43 100

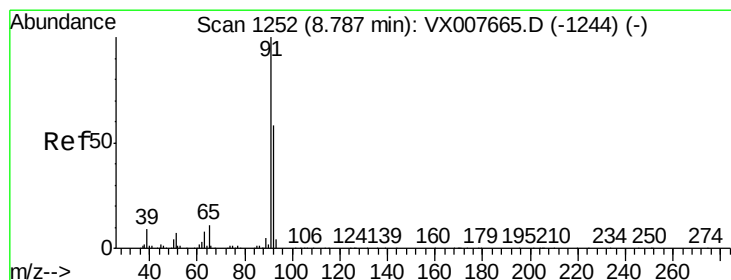
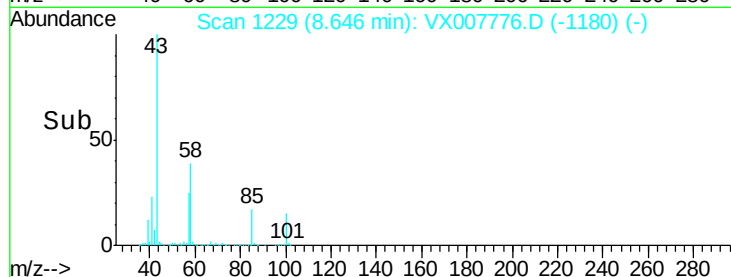
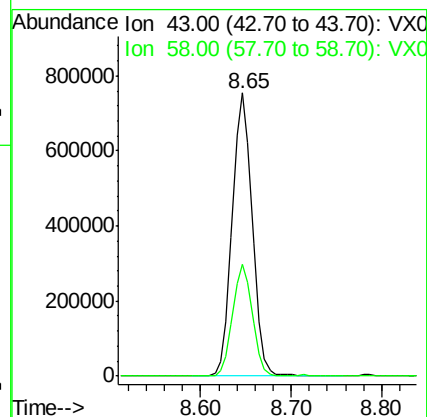
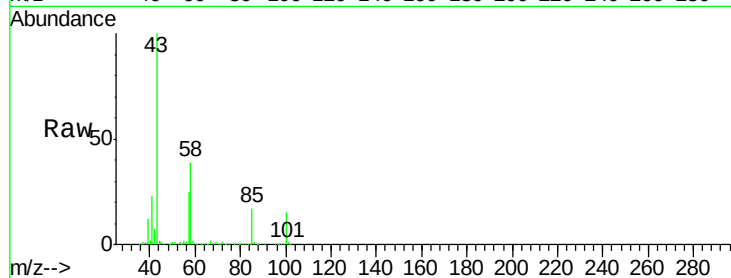
58 38.9 31.2 46.8

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#52

Toluene

Concen: 48.473 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007776.D

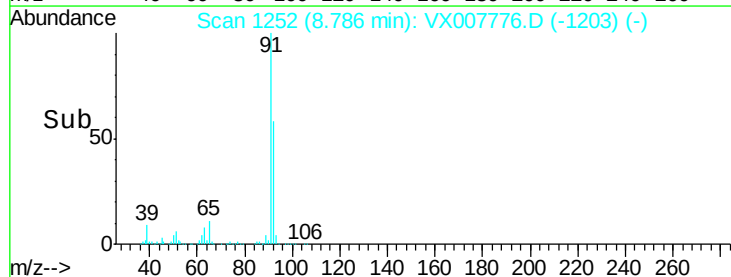
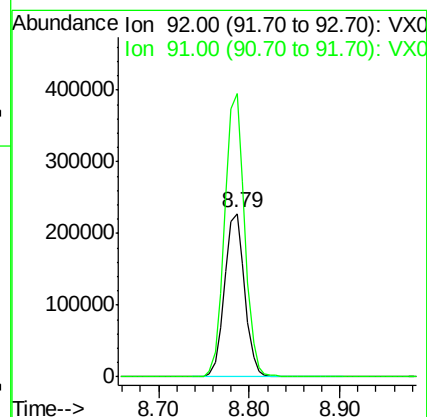
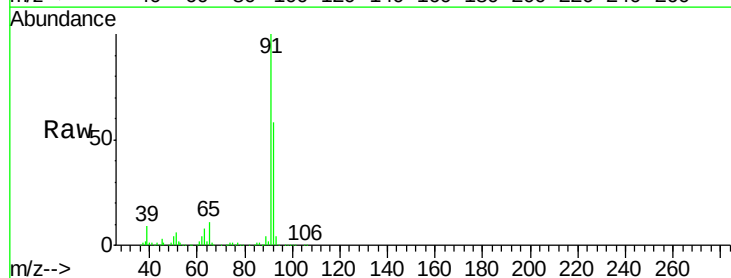
Acq: 28 Feb 2019 19:32

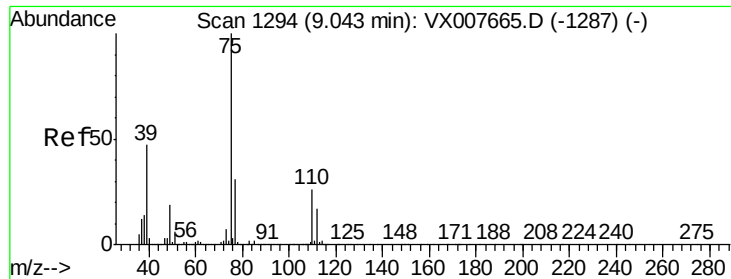
Tgt Ion: 92 Resp: 354048

Ion Ratio Lower Upper

92 100

91 172.2 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 46.007 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 75 Resp: 206407

Ion Ratio Lower Upper

75 100

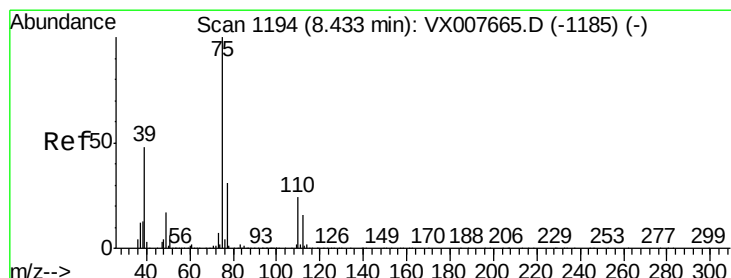
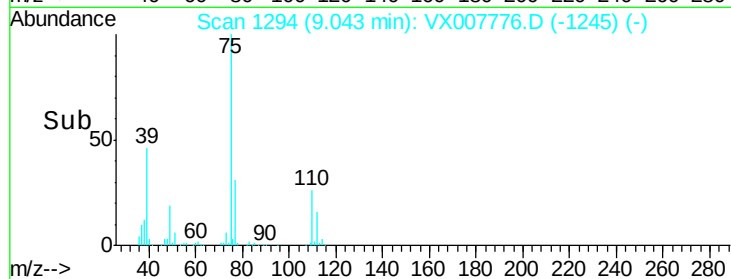
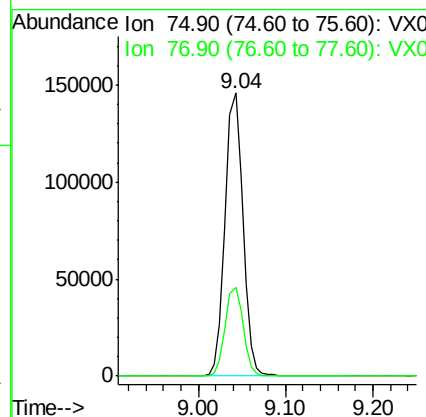
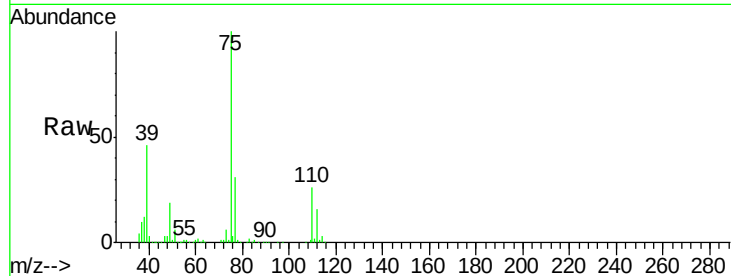
77 31.3 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 50.563 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

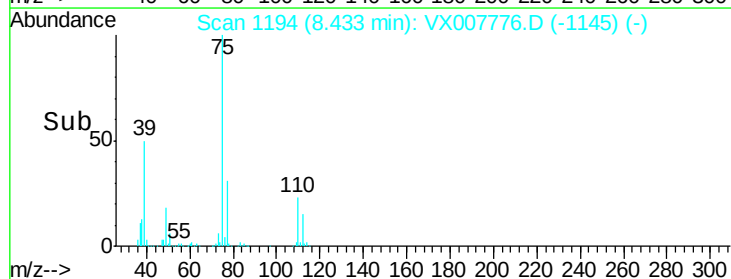
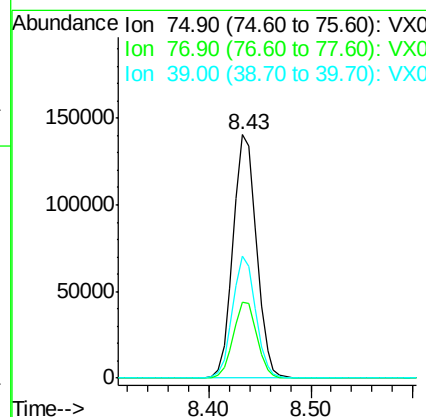
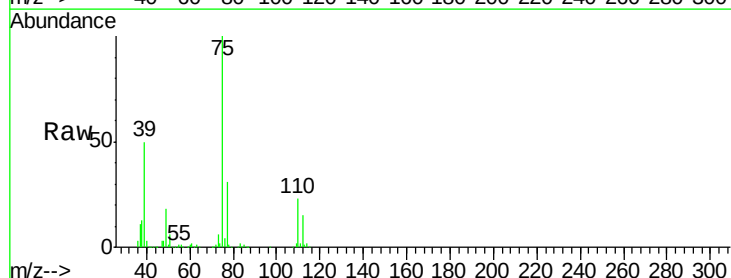
Tgt Ion: 75 Resp: 222579

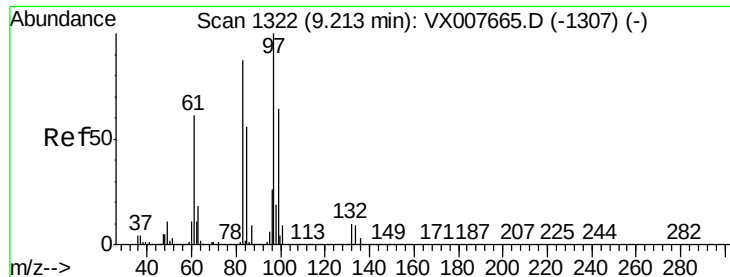
Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4

39 49.8 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 50.257 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

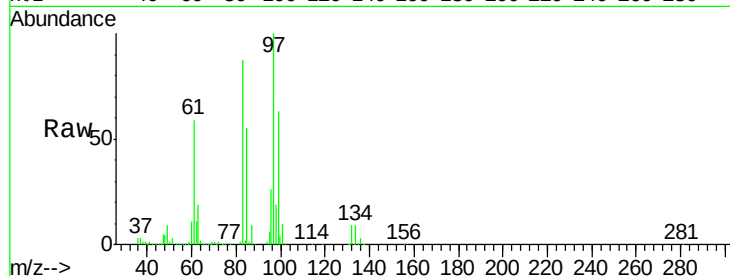
ClientSampleId :

A0C1-TWPMS

Tot Ion:	97	Resp:	153074
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.6	102.8
85	55.2	44.5	66.7
99	63.0	52.2	78.4

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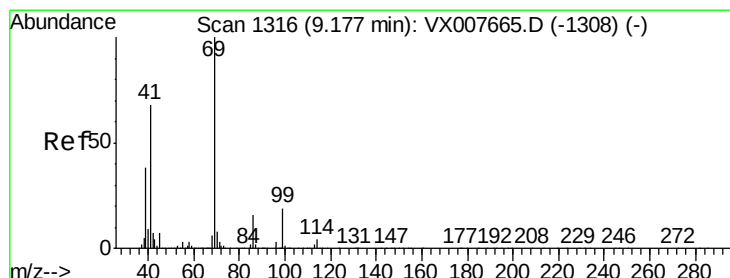
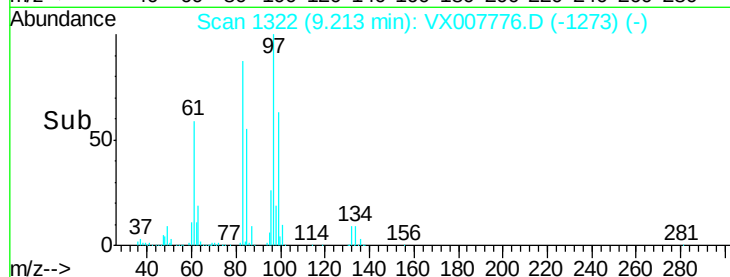
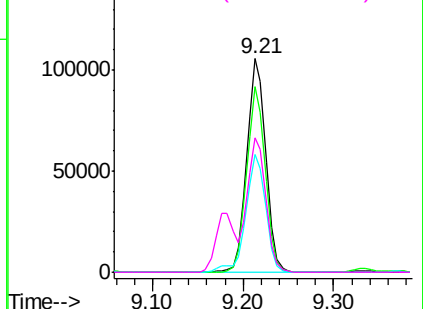
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.281 ug/l

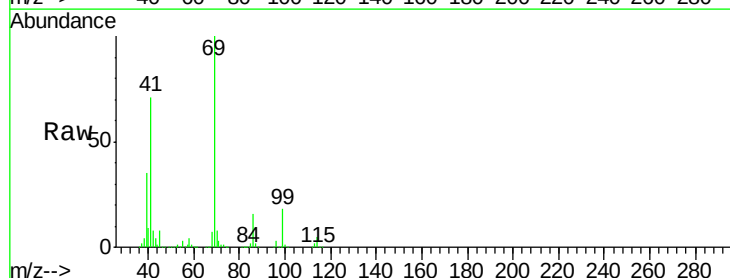
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	69	Resp:	230777
Ion	Ratio	Lower	Upper
69	100		
41	69.9	52.1	78.1
39	34.1	30.1	45.1

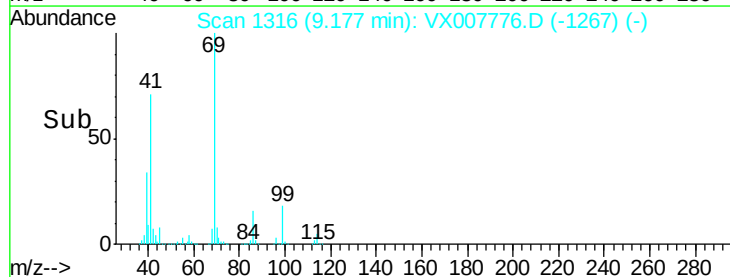
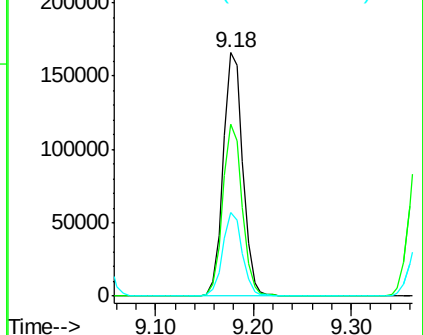


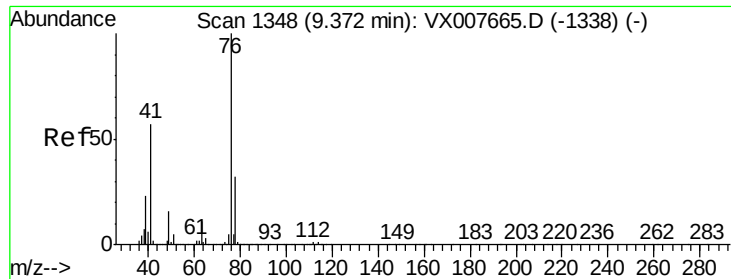
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





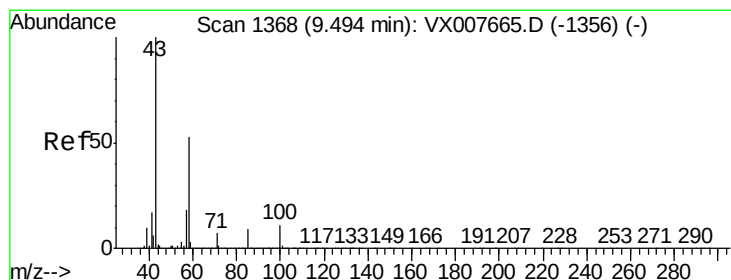
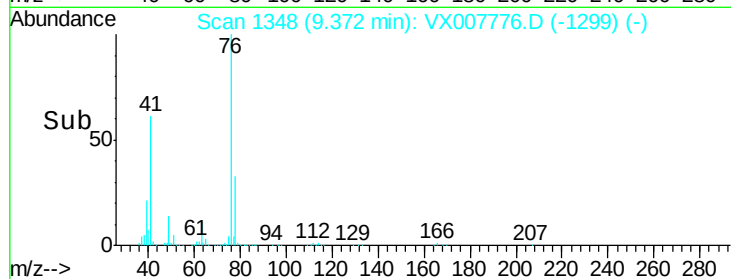
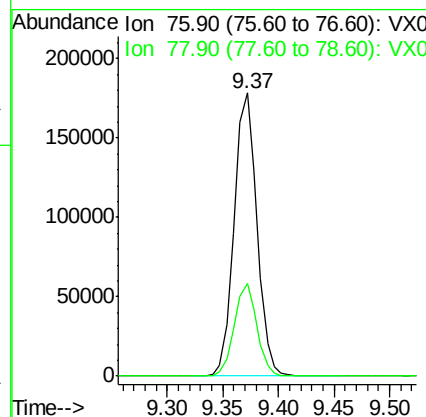
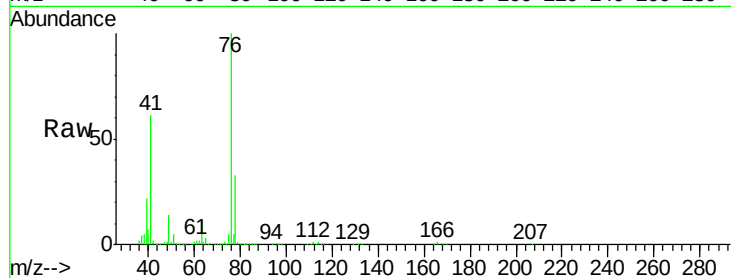
#57
 1,3-Dichloropropane
 Concen: 51.811 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

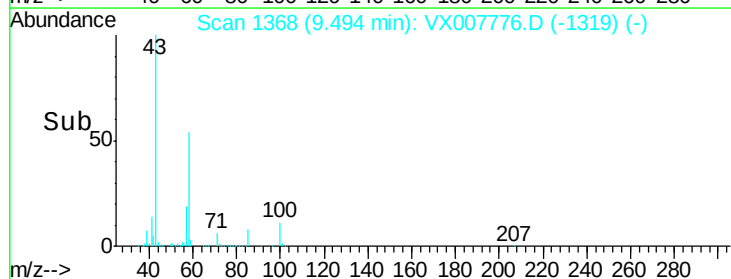
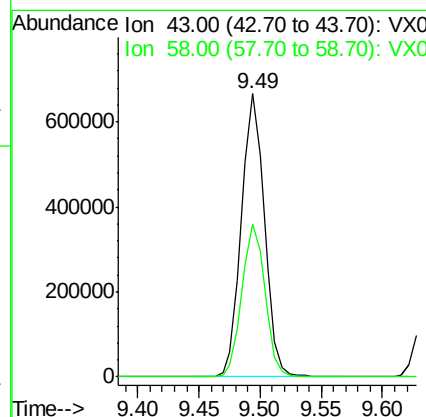
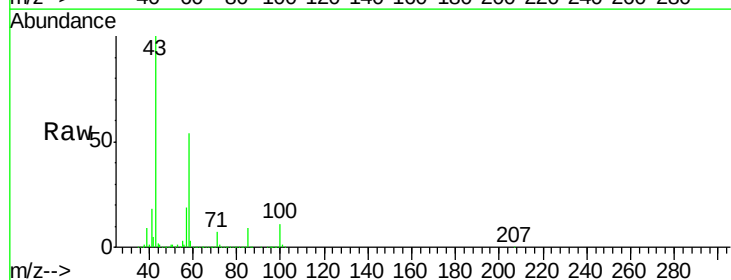
Manual Integrations
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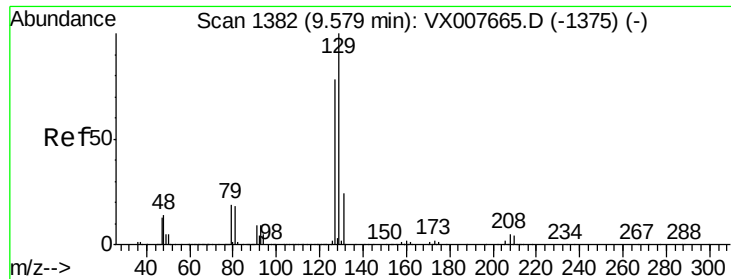
MMDadoda
 3/1/2019 10:04:33 AM



#59
 2-Hexanone
 Concen: 256.749 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.2	27.1	81.3





#60

Dibromochloromethane

Concen: 53.487 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion:129 Resp: 156757

Ion Ratio Lower Upper

129 100

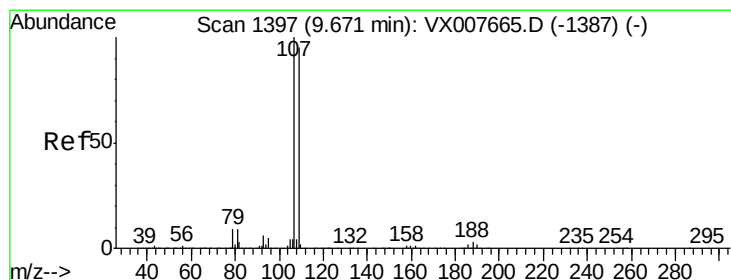
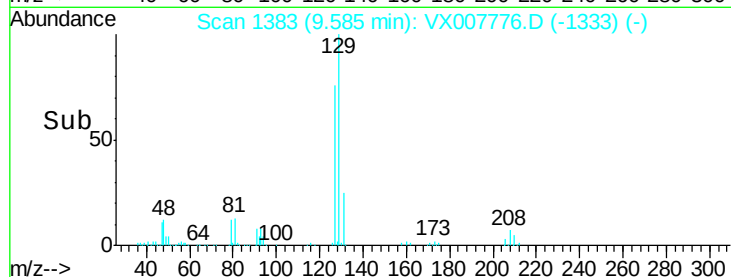
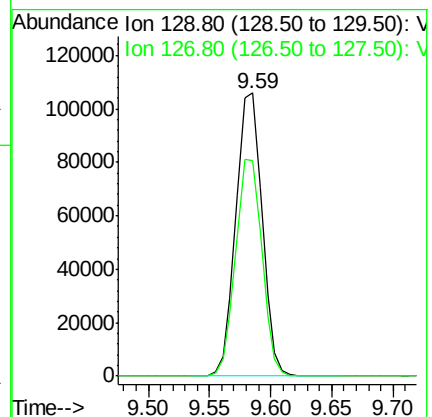
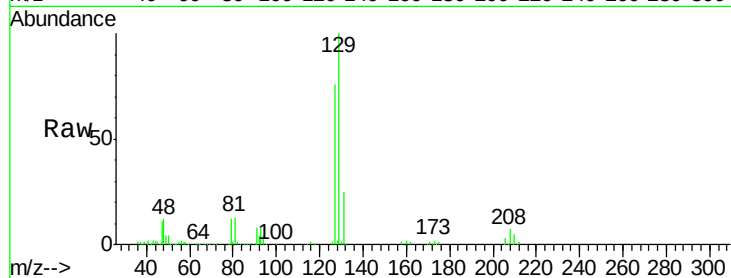
127 77.1 37.8 113.4

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 50.657 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007776.D

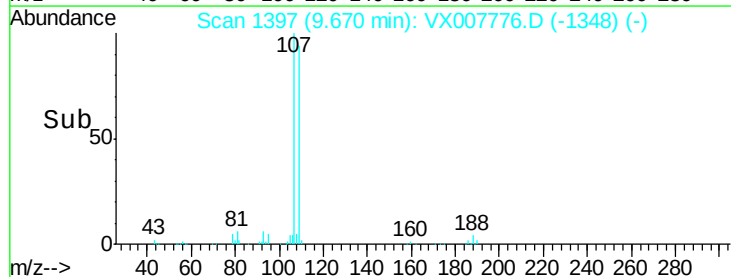
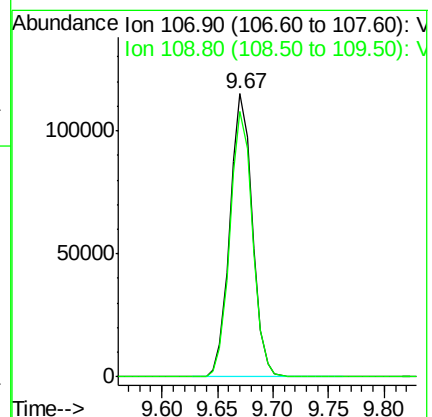
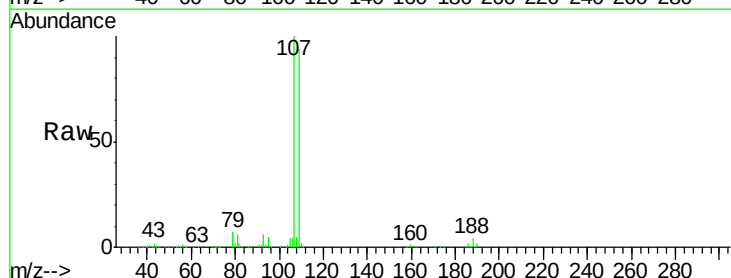
Acq: 28 Feb 2019 19:32

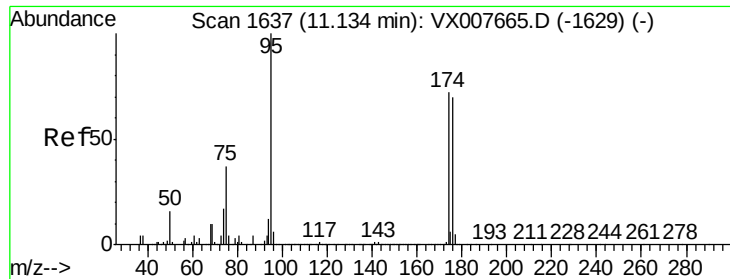
Tgt Ion:107 Resp: 160192

Ion Ratio Lower Upper

107 100

109 94.6 75.1 112.7





#62

4-Bromofluorobenzene

Concen: 48.193 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

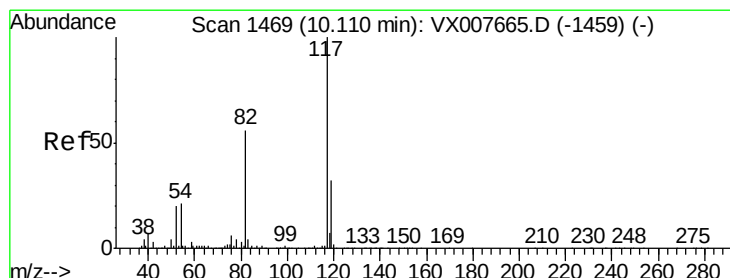
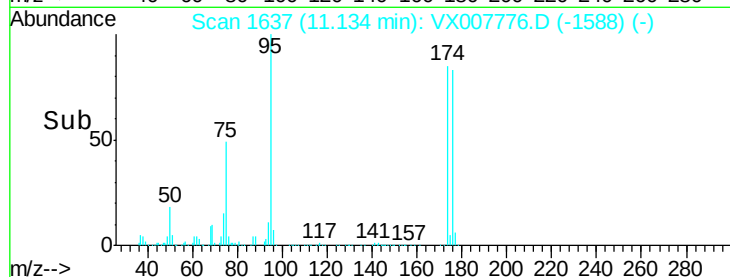
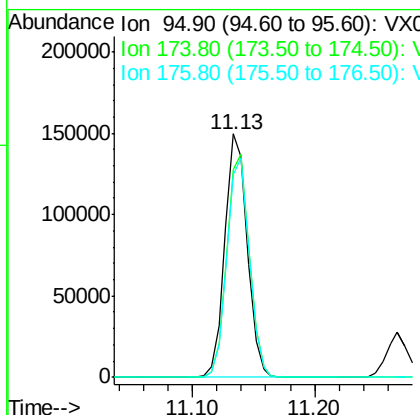
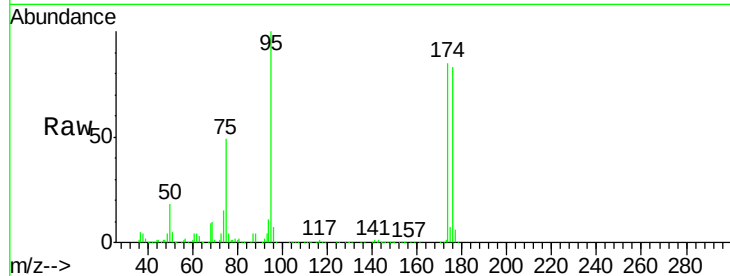
ClientSampleId :

A0C1-TWPMS

Tot Ion:	95	Resp:	188930
Ion Ratio	Lower	Upper	
95	100		
174	92.3	0.0	189.2
176	90.2	0.0	186.2

Manual Integrations
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3/1/2019 10:04:33 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

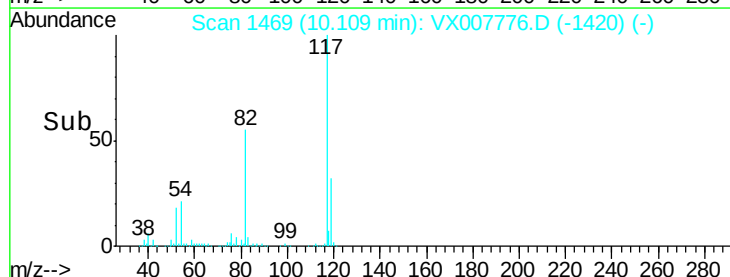
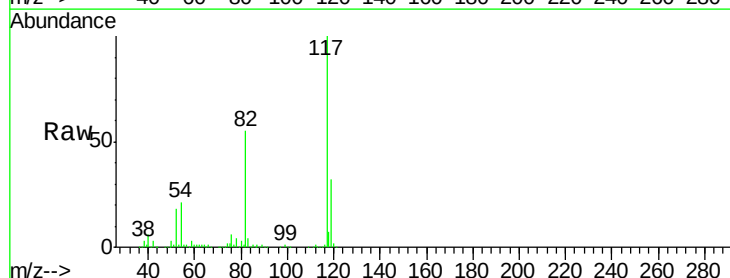
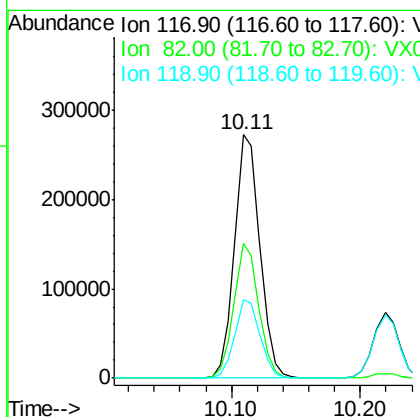
RT: 10.11 min Scan# 1469

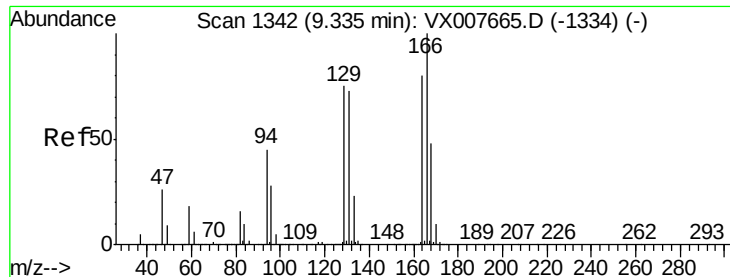
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	117	Resp:	374775
Ion Ratio	Lower	Upper	
117	100		
82	55.4	42.1	63.1
119	32.1	26.5	39.7





#64

Tetrachloroethene

Concen: 49.195 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

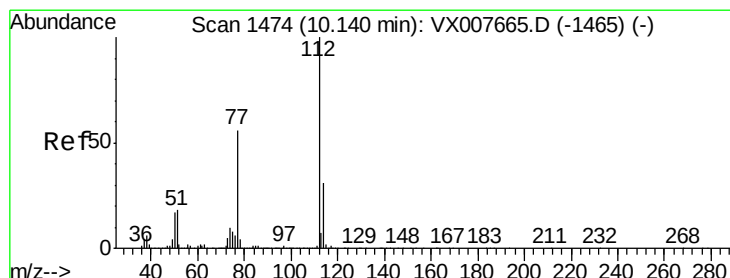
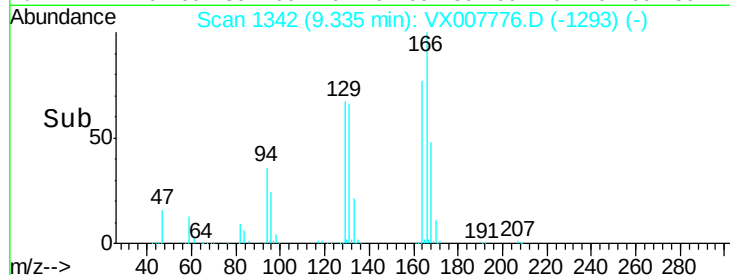
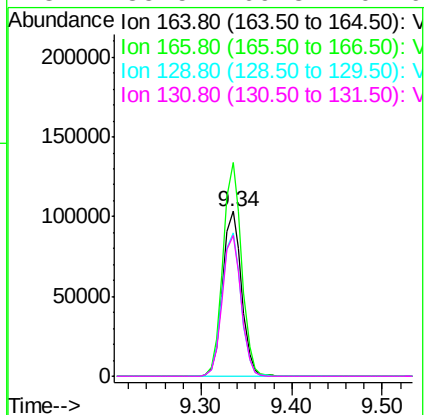
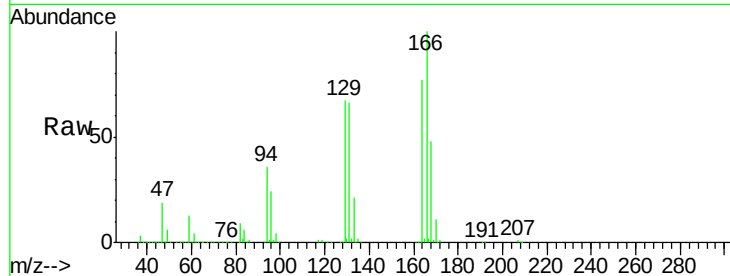
ClientSampleId :

A0C1-TWPMS

Tot Ion:	164	Resp:	149676
Ion Ratio	Lower	Upper	
164	100		
166	129.8	101.0	151.4
129	86.9	70.5	105.7
131	85.5	69.8	104.6

Manual Integrations
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MMDadoda
3/1/2019 10:04:33 AM



#65

Chlorobenzene

Concen: 48.367 ug/l

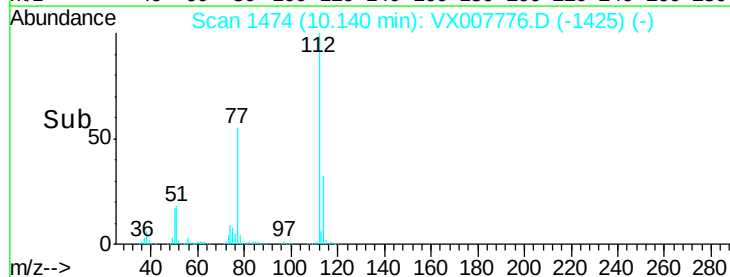
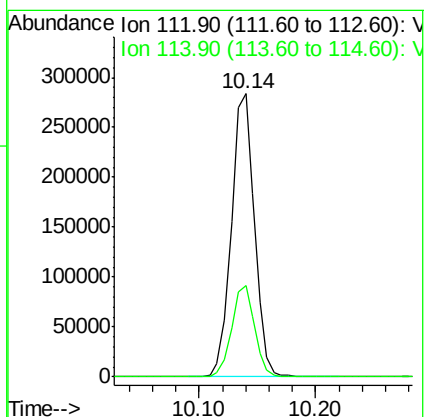
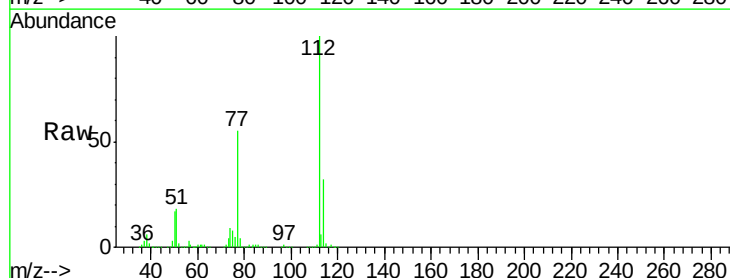
RT: 10.14 min Scan# 1474

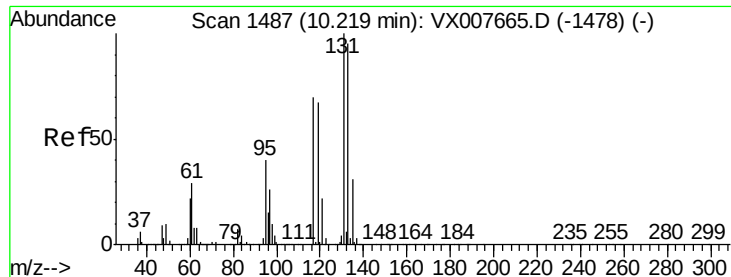
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	112	Resp:	392042
Ion Ratio	Lower	Upper	
112	100		
114	32.4	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 52.431 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

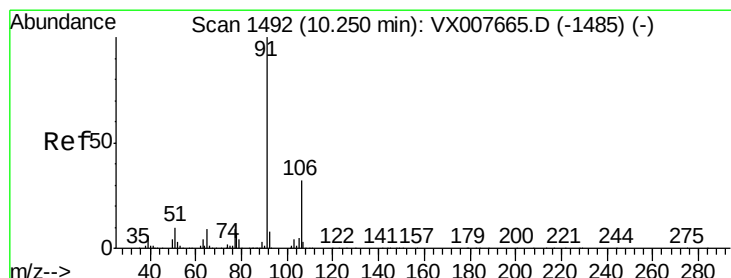
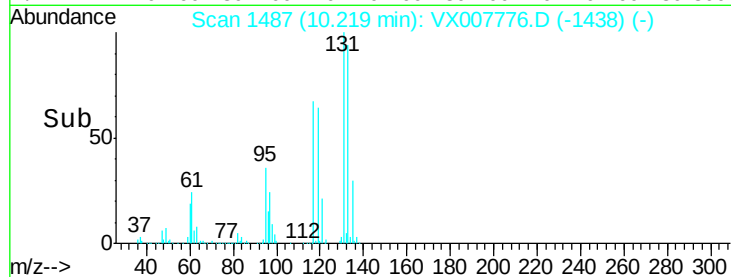
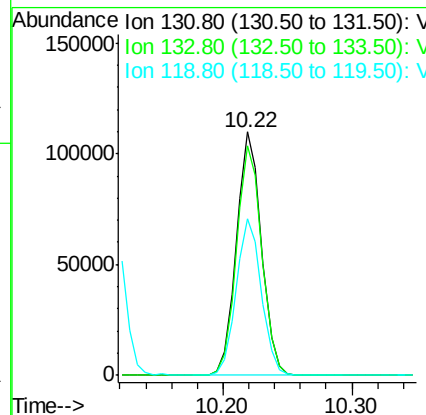
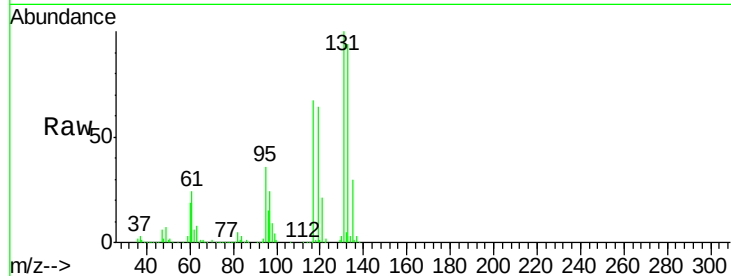
ClientSampled :

A0C1-TWPMS

Tot Ion:	131	Resp:	148245
Ion Ratio	Lower	Upper	
131	100		
133	95.4	48.0	144.2
119	64.9	32.0	96.0

Manual Integrations
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MMDadoda
3/1/2019 10:04:33 AM



#67

Ethyl Benzene

Concen: 48.224 ug/l

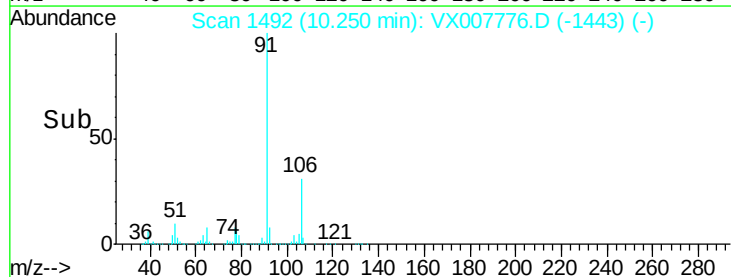
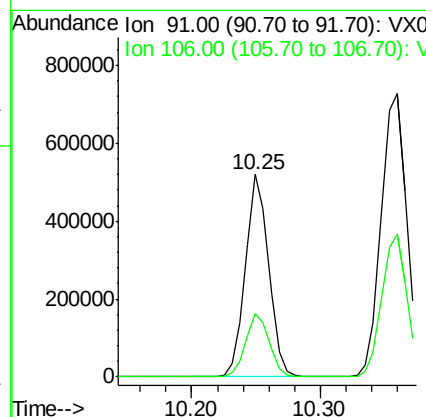
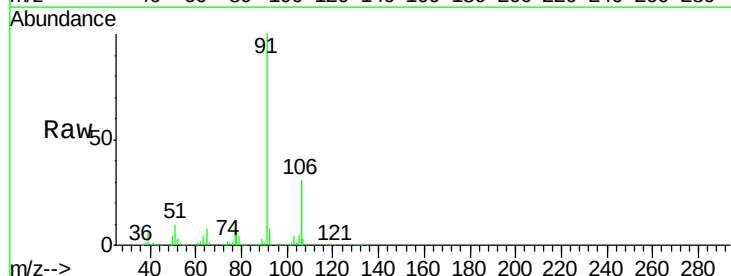
RT: 10.25 min Scan# 1492

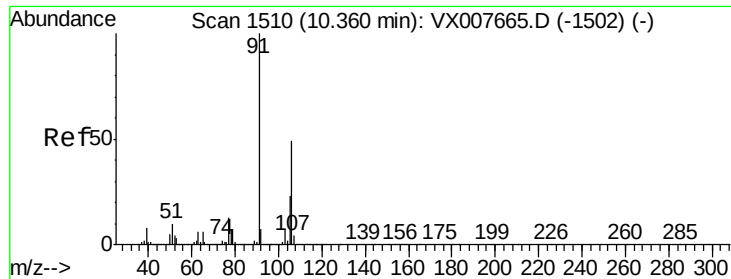
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	91	Resp:	647518
Ion Ratio	Lower	Upper	
91	100		
106	31.2	25.4	38.0





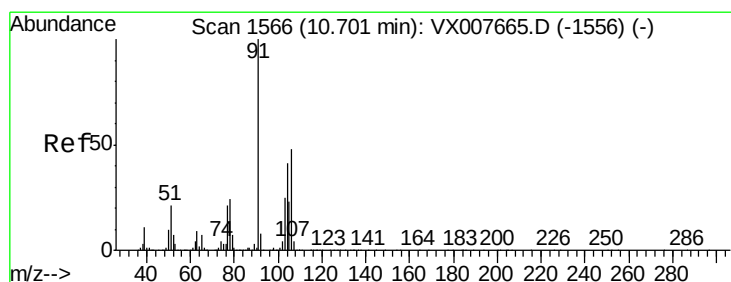
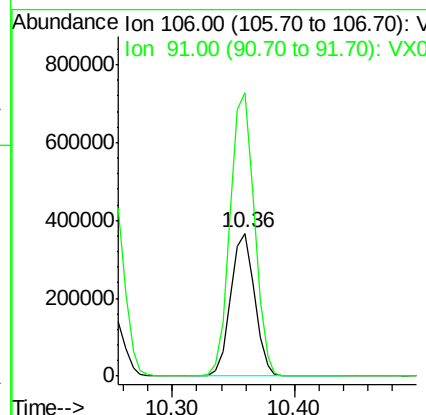
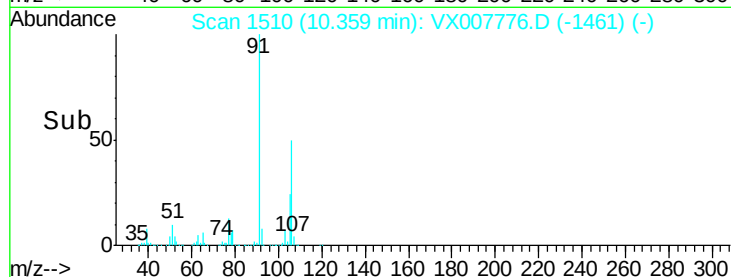
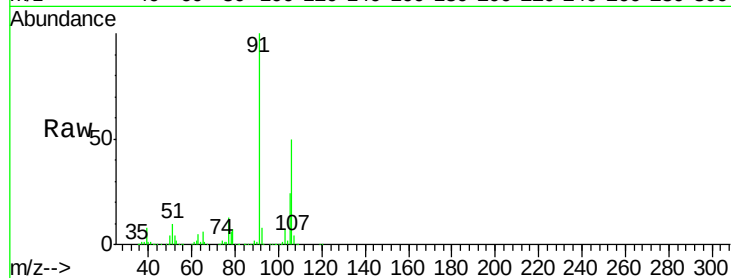
#68
m/p-Xylenes
Concen: 94.526 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.7	156.6	234.8

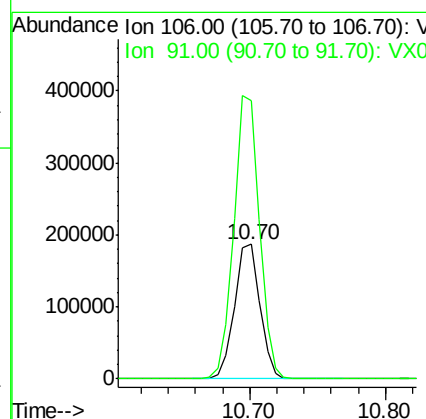
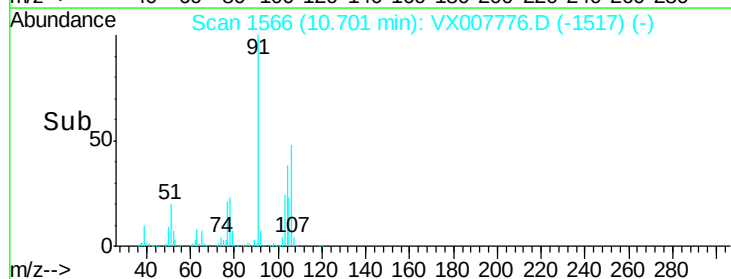
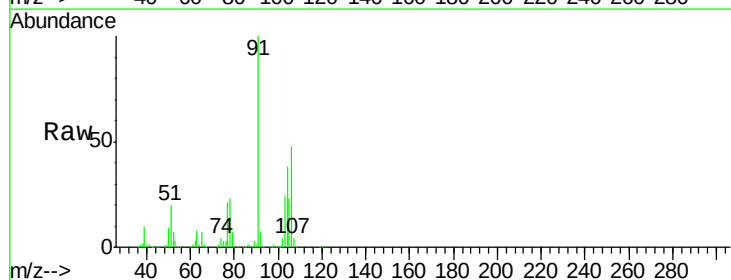
Manual Integrations
APPROVED

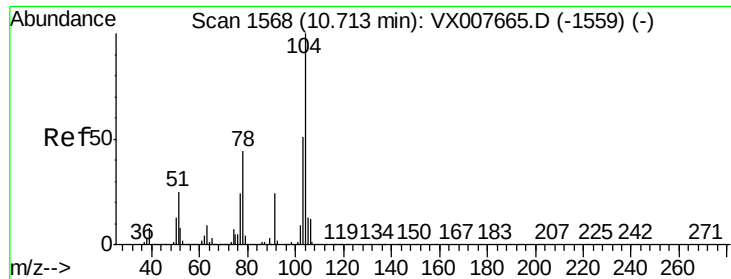
MMDadoda
3/1/2019 10:04:33 AM



#69
o-Xylene
Concen: 48.596 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.4	102.9	308.7





#70

Stvrene

Concen: 48.144 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

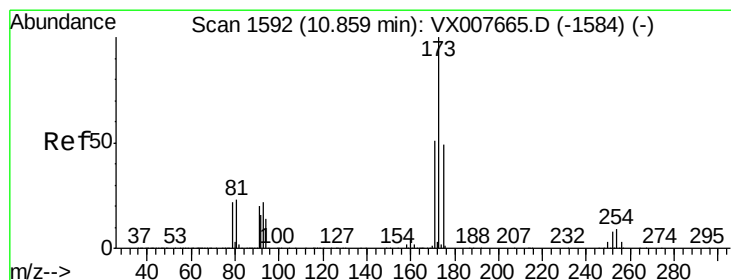
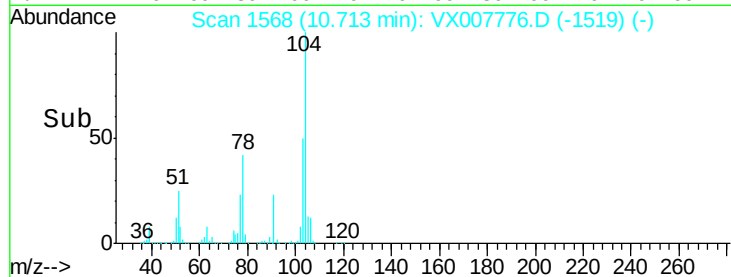
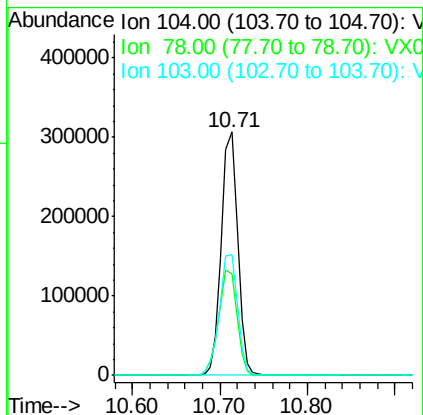
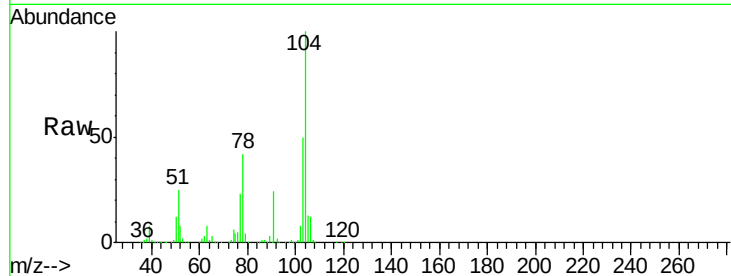
ClientSampleId :

A0C1-TWPMS

Tot Ion:	104	Resp:	397619
Ion Ratio	Lower	Upper	
104	100		
78	48.8	38.3	57.5
103	55.3	44.6	67.0

Manual Integrations
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3/1/2019 10:04:33 AM



#71

Bromoform

Concen: 57.674 ug/l

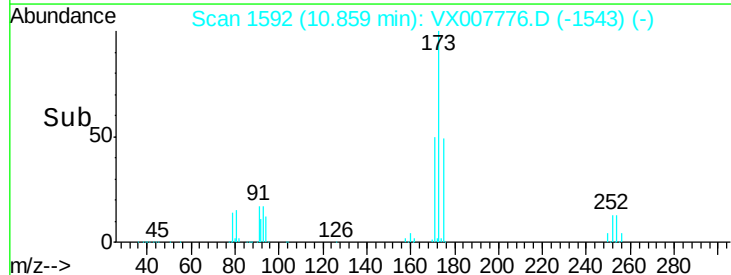
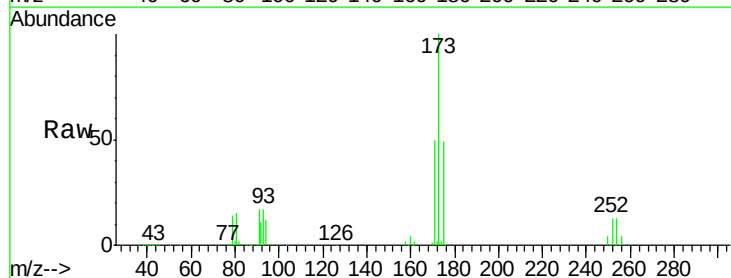
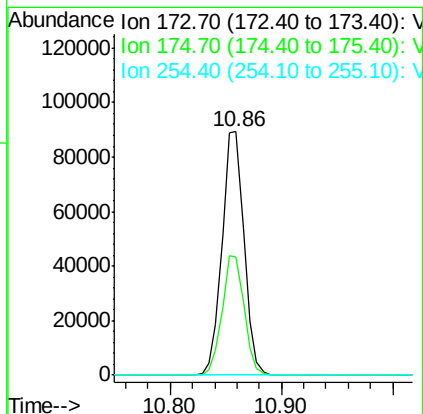
RT: 10.86 min Scan# 1592

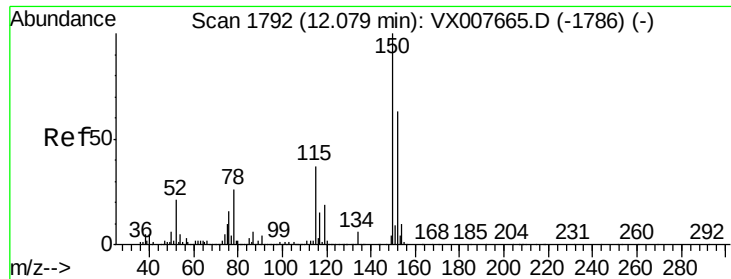
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	173	Resp:	122282
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.2	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion:152 Resp: 191098

Ion Ratio Lower Upper

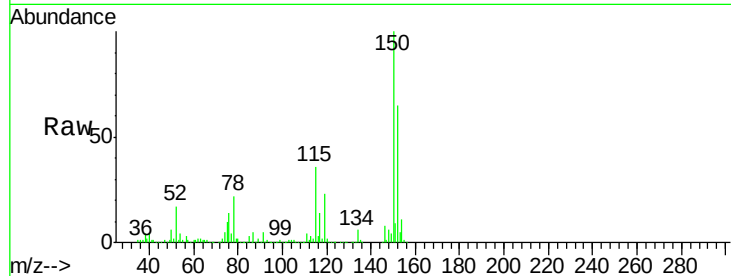
152 100

115 75.1 38.0 114.0

150 172.5 0.0 346.4

Manual Integrations
APPROVED

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3/1/2019 10:04:33 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

300000

200000

100000

0

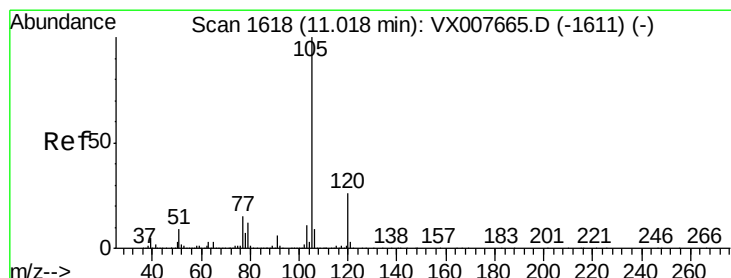
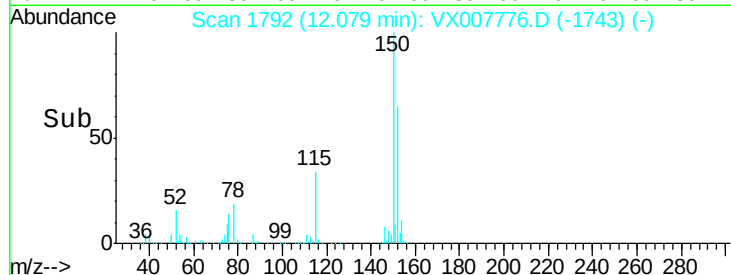
12.08

12.00

12.10

12.20

Time-->



#73

Isopropylbenzene

Concen: 46.178 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007776.D

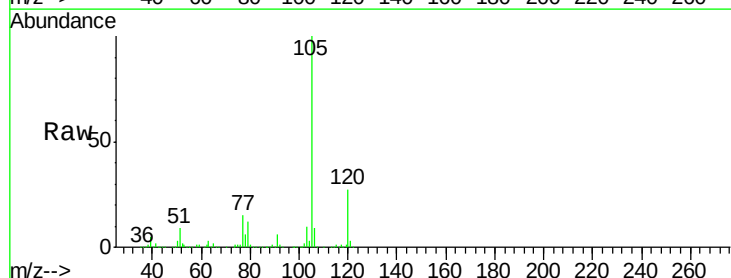
Acq: 28 Feb 2019 19:32

Tgt Ion:105 Resp: 630699

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

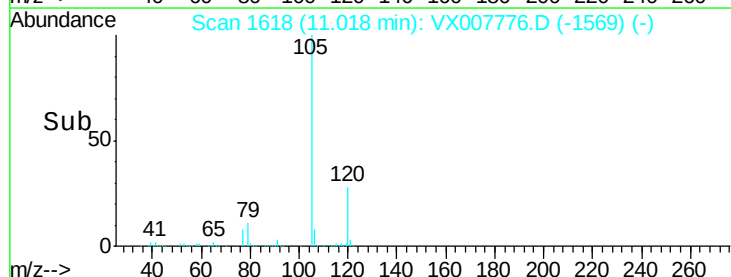
0

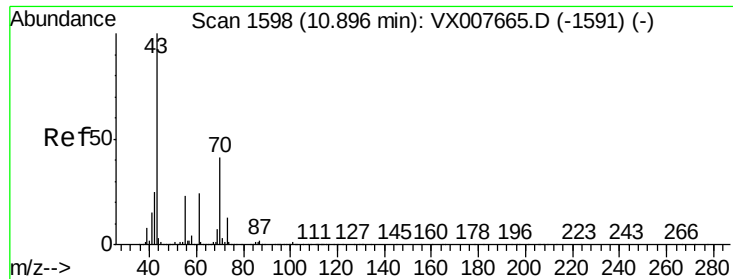
11.02

10.90

11.10

Time-->





#74

N-amvl acetate

Concen: 46.129 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

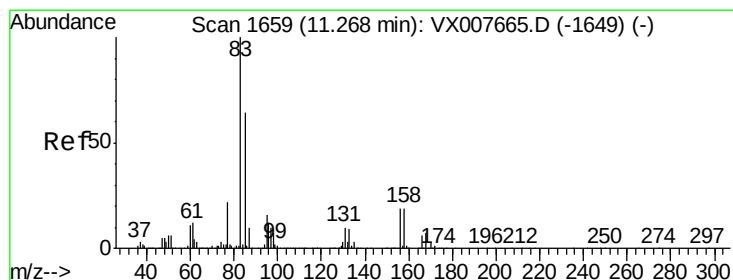
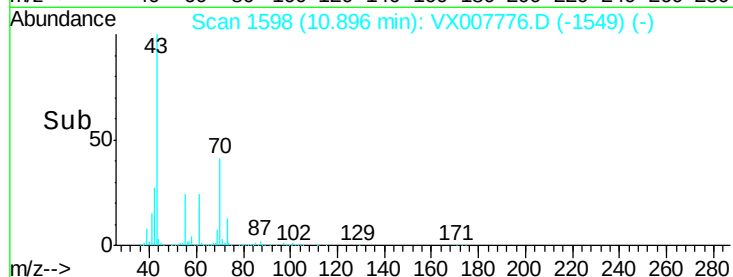
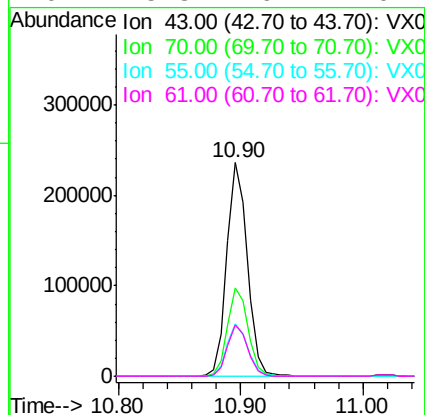
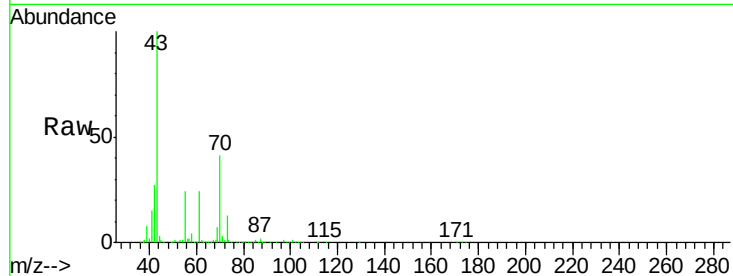
ClientSampleId :

A0C1-TWPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		273595		
70	41.7	33.8	50.6		
55	25.1	19.5	29.3		
61	23.8	19.4	29.2		

Manual Integrations
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MMDadoda
3/1/2019 10:04:33 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 46.975 ug/l

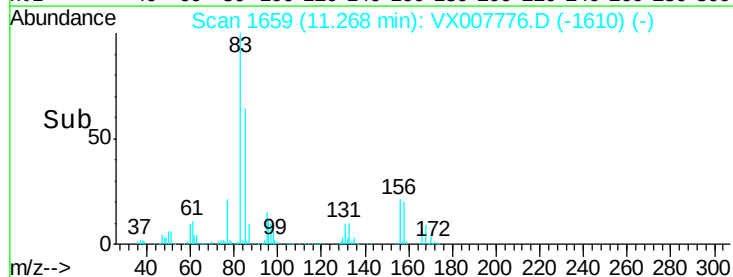
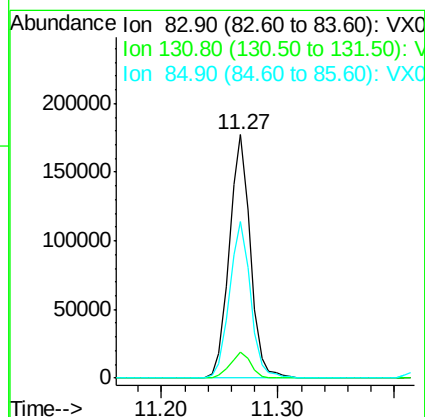
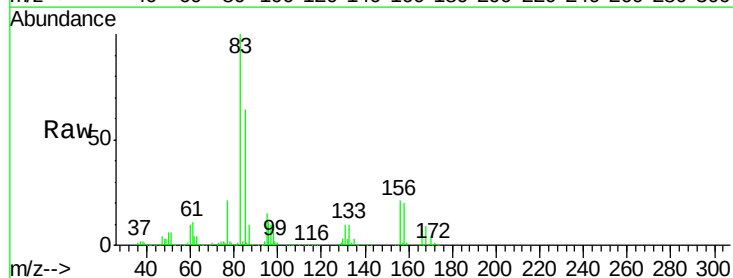
RT: 11.27 min Scan# 1659

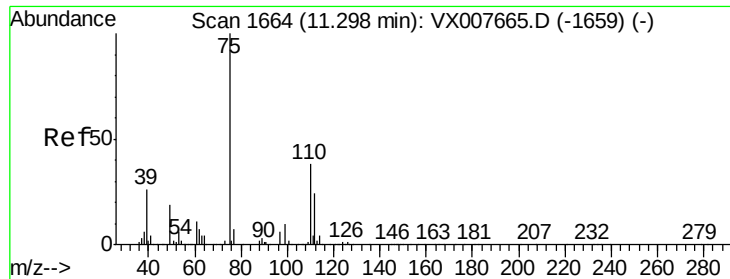
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		221907		
131	10.4	5.7	17.0		
85	64.9	32.8	98.3		





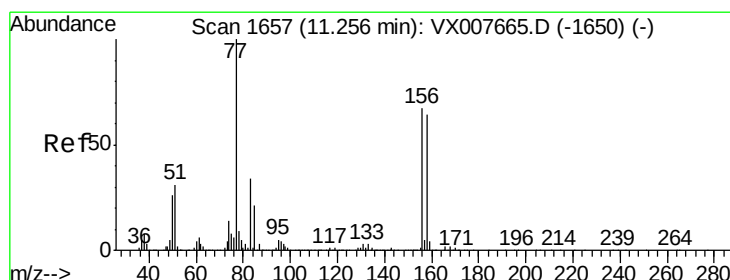
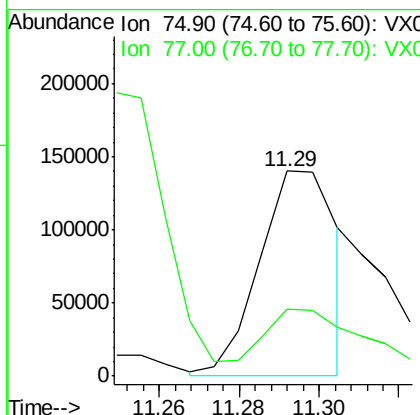
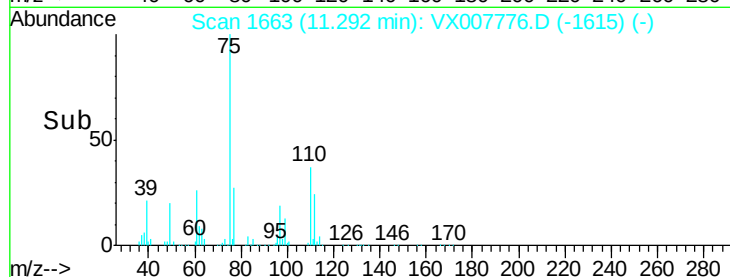
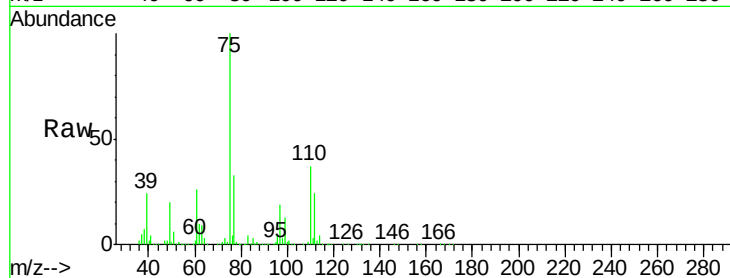
#76
1,2,3-Trichloropropane
Concen: 45.433 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
75	100		
77	45.5	23.0	69.0

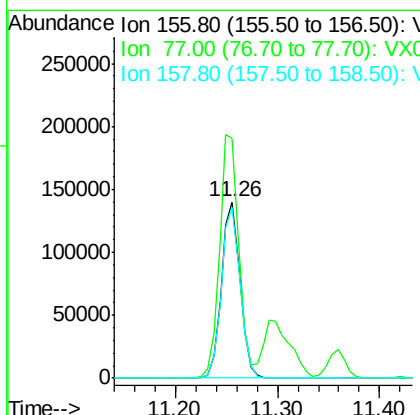
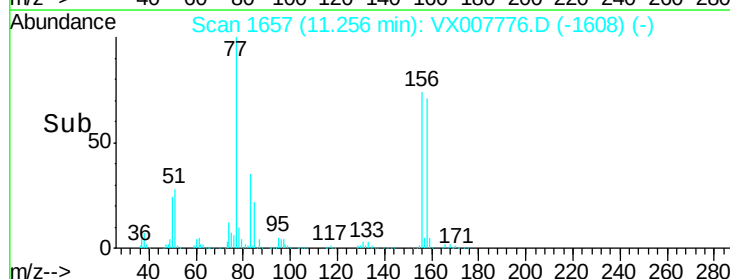
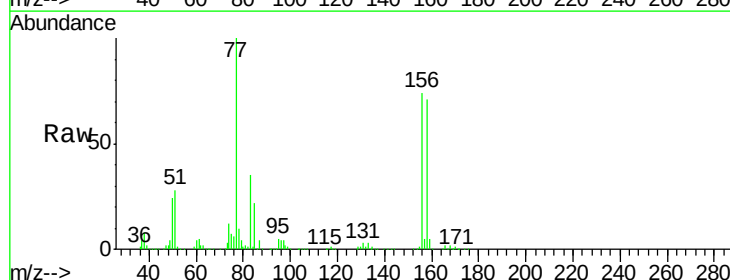
Manual Integrations
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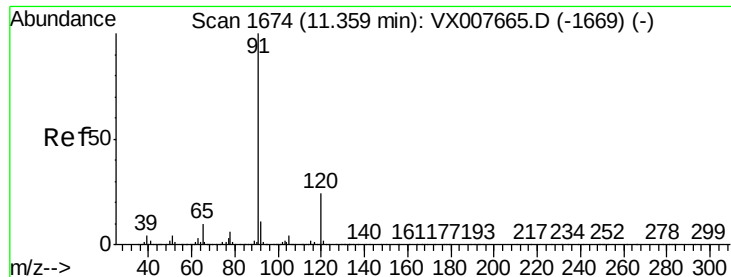
MMDadoda
3/1/2019 10:04:33 AM



#77
Bromobenzene
Concen: 51.791 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
156	100		
77	143.6	66.8	200.6
158	97.5	47.9	143.8





#78

n-propylbenzene

Concen: 45.254 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 91 Resp: 698438

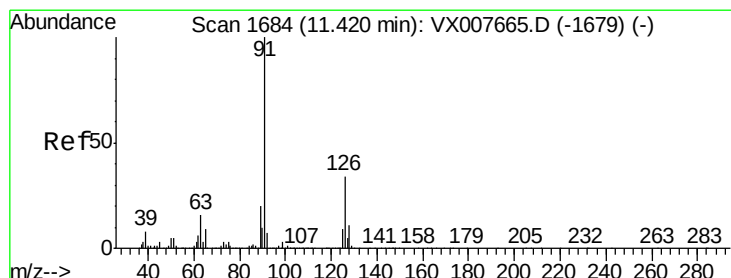
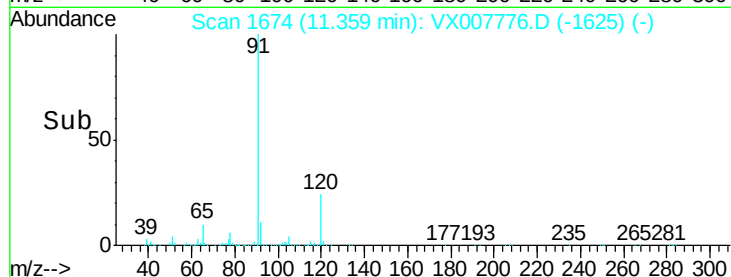
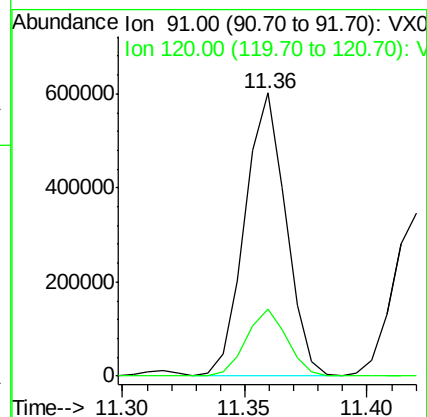
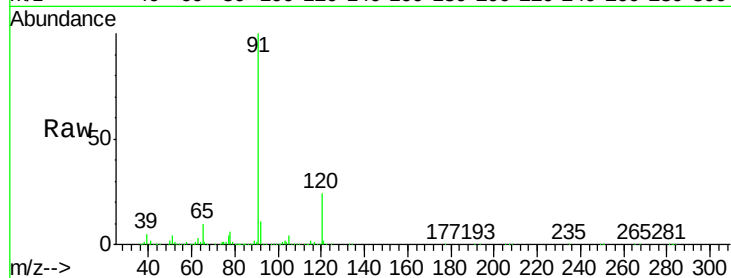
Ion Ratio Lower Upper

91 100

120 23.7 12.4 37.2

Manual Integrations
APPROVED

MMDadoda
3/1/2019 10:04:33 AM



#79

2-Chlorotoluene

Concen: 46.053 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007776.D

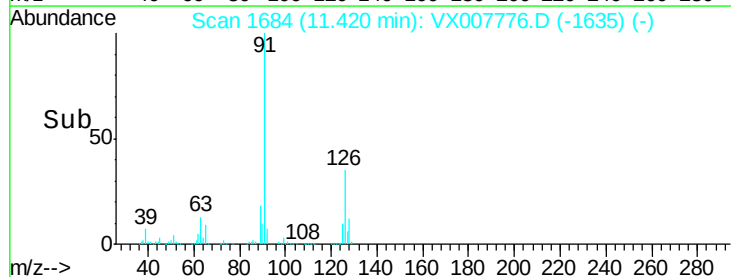
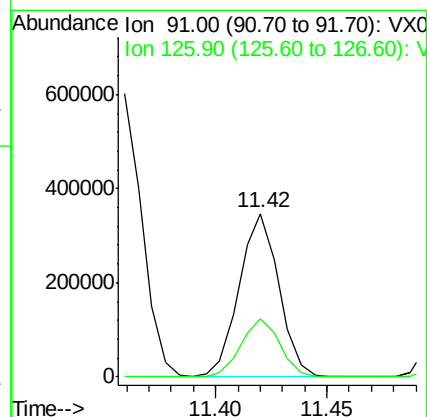
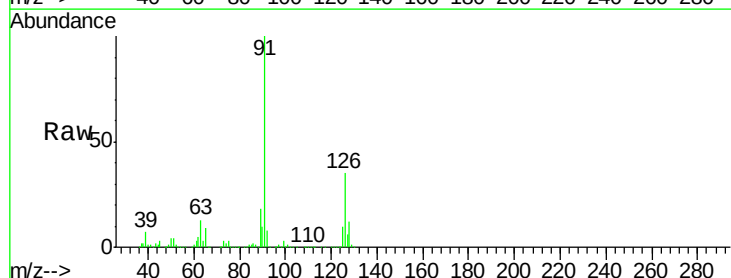
Acq: 28 Feb 2019 19:32

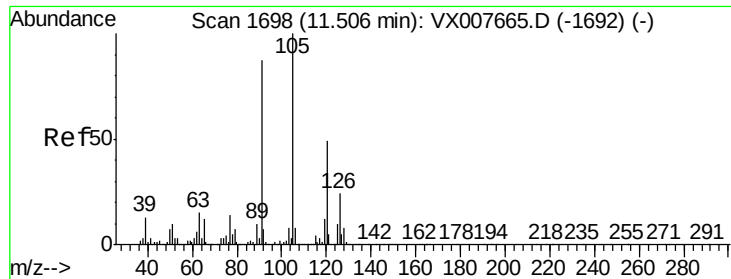
Tgt Ion: 91 Resp: 427974

Ion Ratio Lower Upper

91 100

126 35.2 18.7 56.1





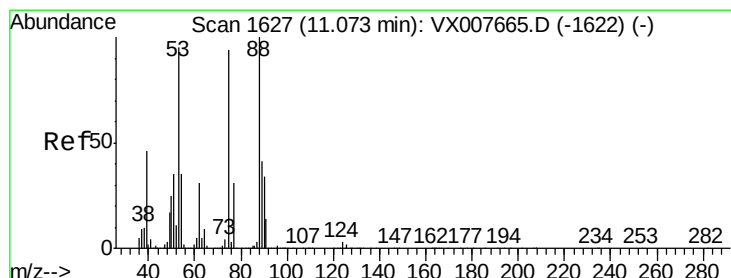
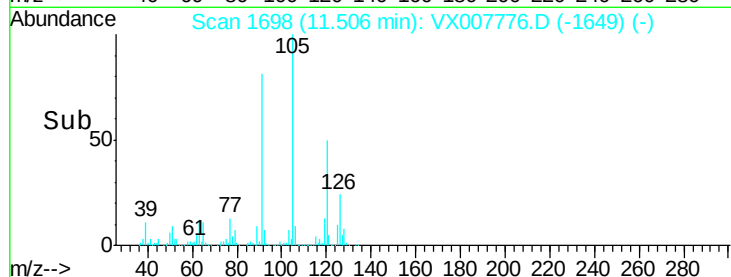
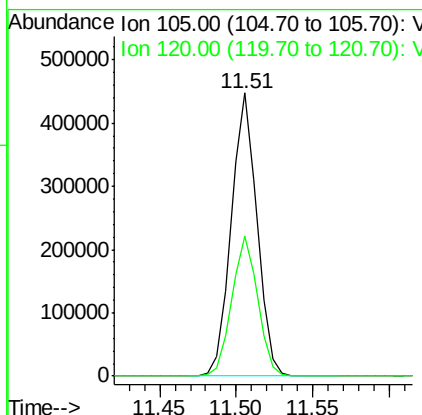
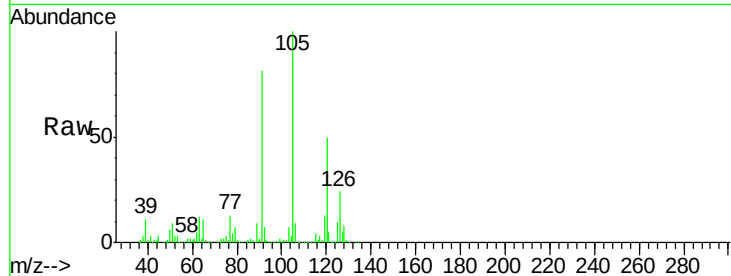
#80
1,3,5-Trimethylbenzene
Concen: 46.200 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.3	75.8

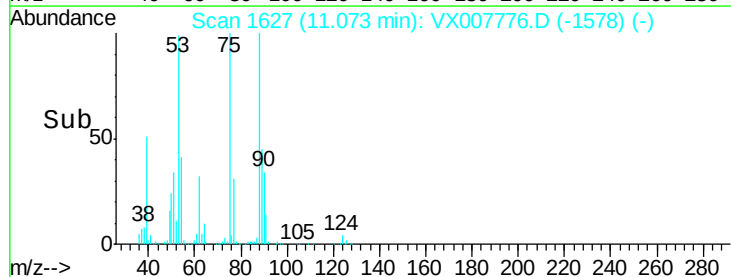
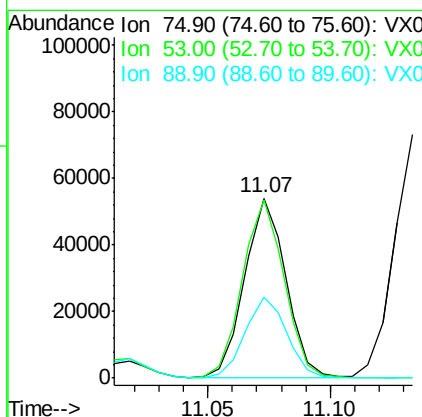
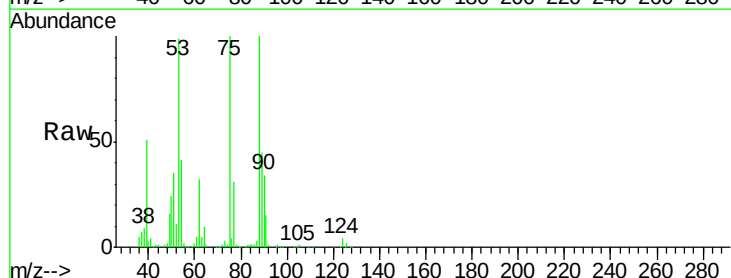
Manual Integrations
APPROVED

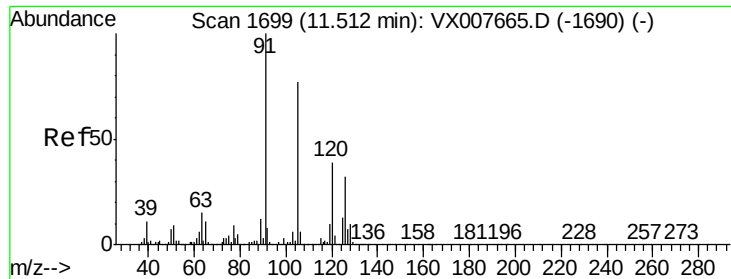
MMDadoda
3/1/2019 10:04:33 AM



#81
trans-1,4-Dichloro-2-butene
Concen: 42.108 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.6	81.0	121.6
89	45.8	41.4	62.0





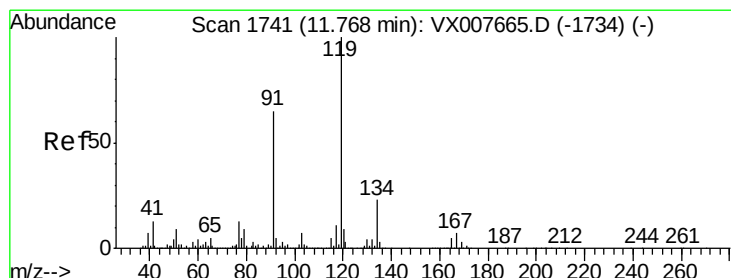
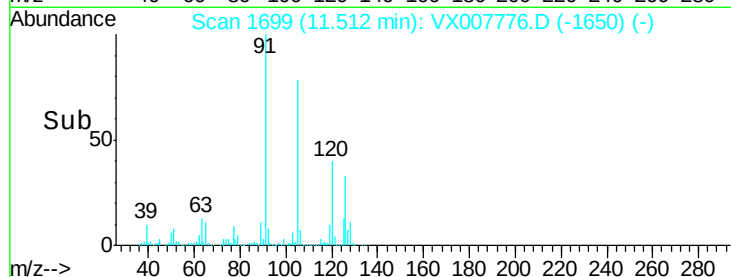
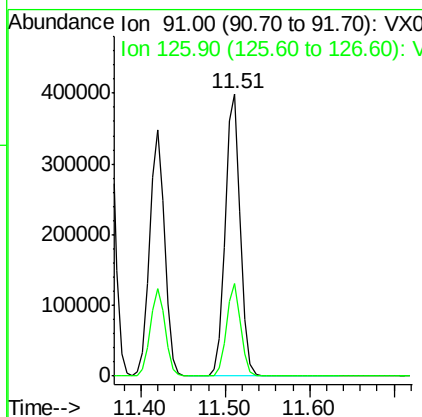
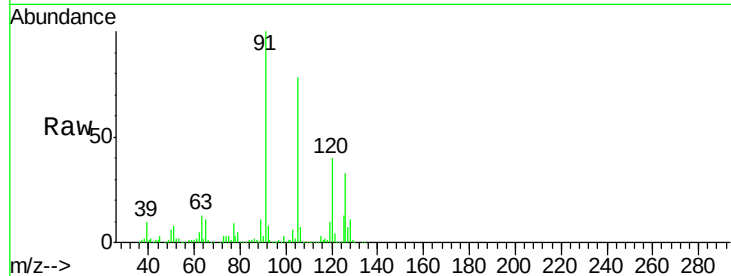
#82
4-Chlorotoluene
Concen: 45.211 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.3	16.2	48.5

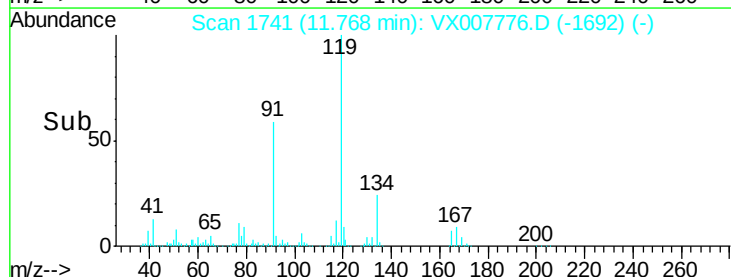
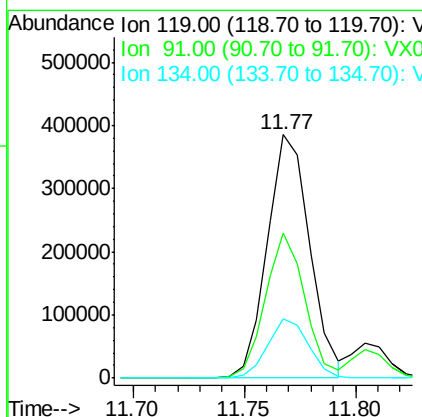
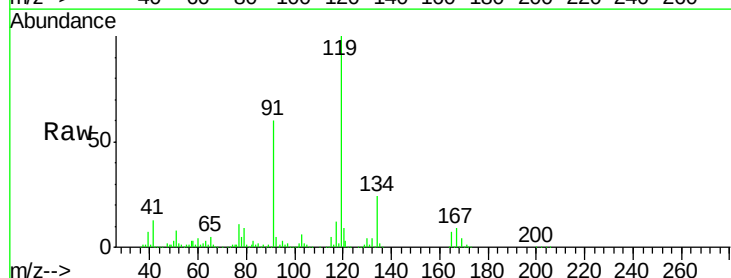
Manual Integrations
APPROVED

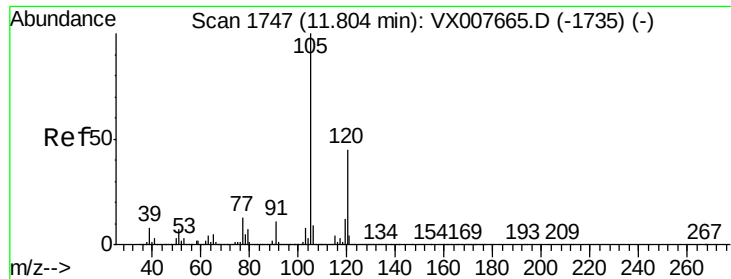
MMDadoda
3/1/2019 10:04:33 AM



#83
tert-Butylbenzene
Concen: 47.362 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.5	28.5	85.6
134	23.4	12.0	36.0





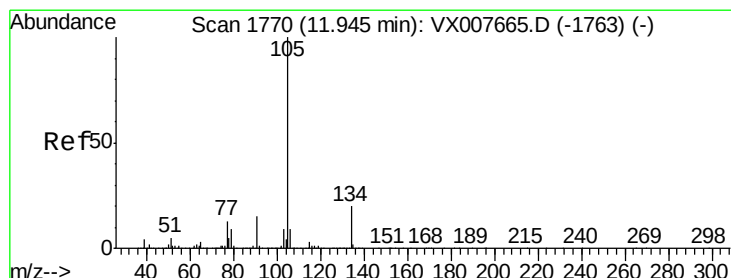
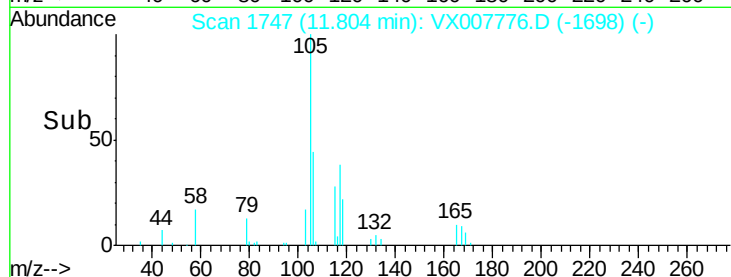
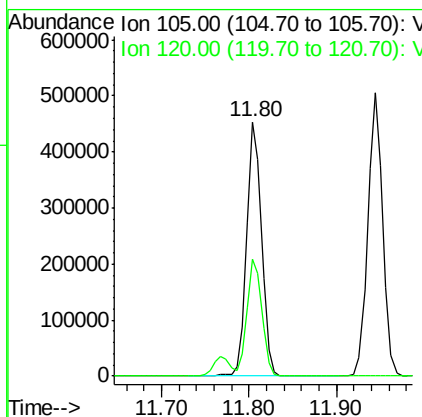
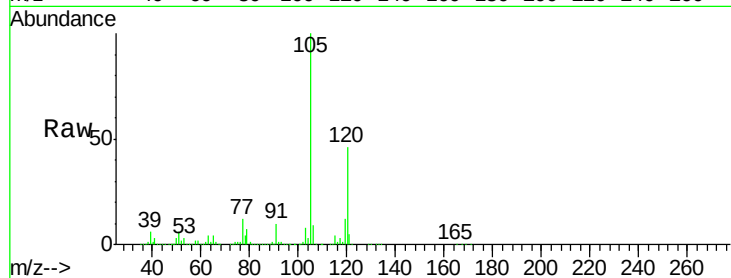
#84
 1,2,4-Trimethylbenzene
 Concen: 46.545 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3

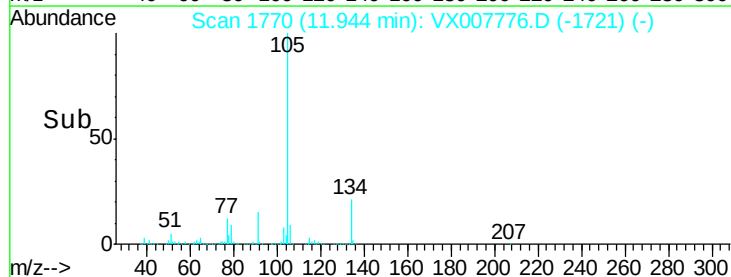
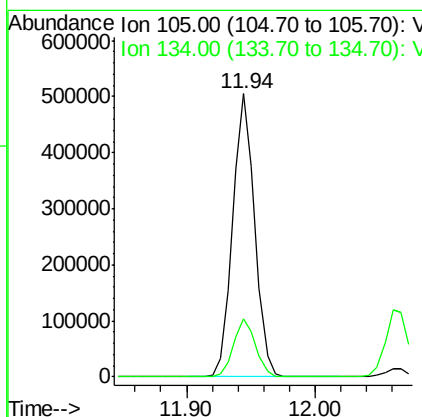
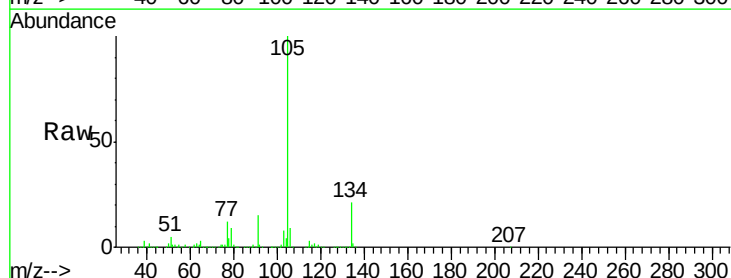
Manual Integrations
 APPROVED

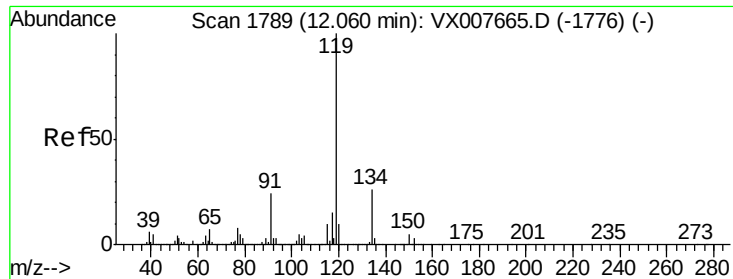
MMDadoda
 3/1/2019 10:04:33 AM



#85
 sec-Butylbenzene
 Concen: 44.567 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.6	31.8





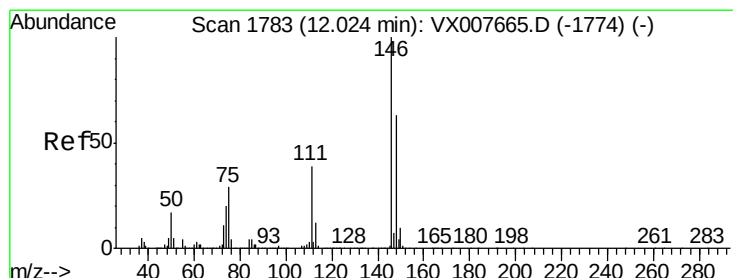
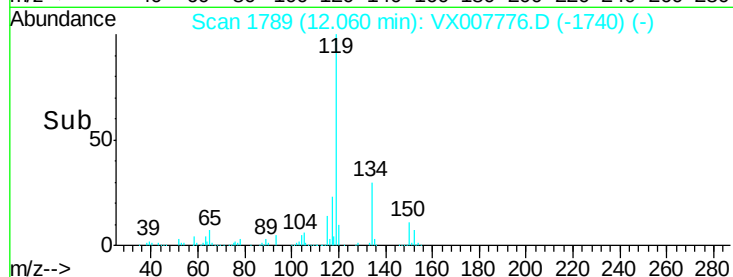
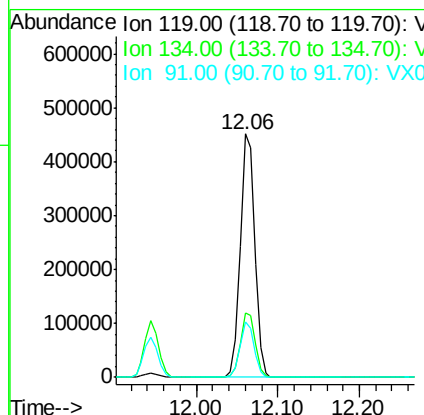
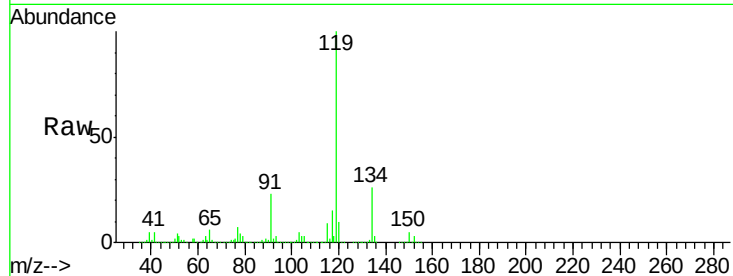
#86
p-Isopropyltoluene
Concen: 45.847 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	542717		
134	26.6		13.7	41.1
91	22.3		11.2	33.5

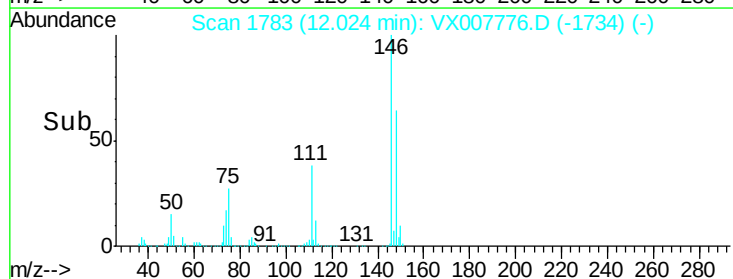
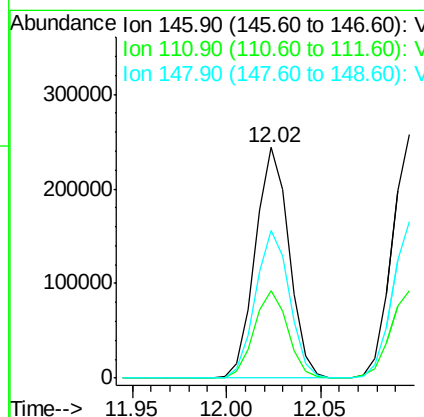
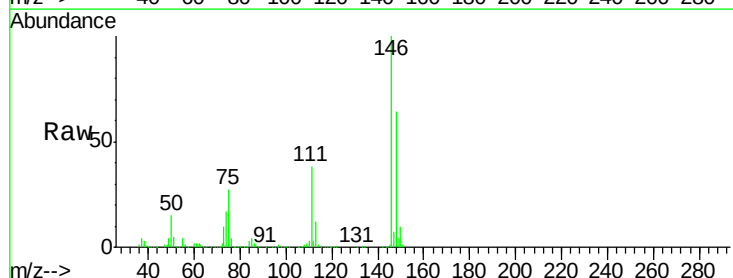
Manual Integrations
APPROVED

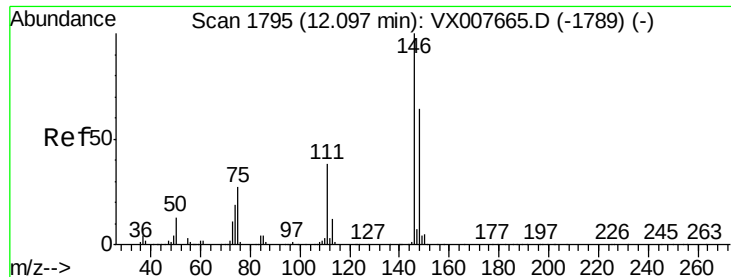
MMDadoda
3/1/2019 10:04:33 AM



#87
1,3-Dichlorobenzene
Concen: 47.675 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302944		
111	37.7		18.1	54.1
148	64.2		32.0	96.2





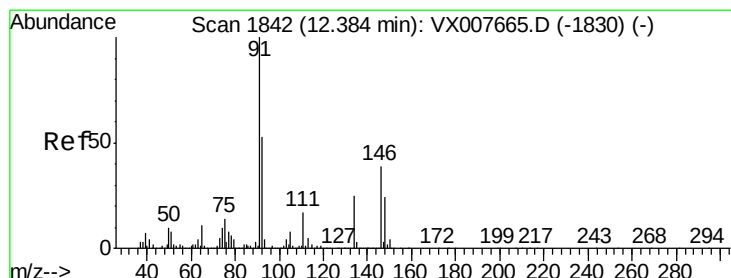
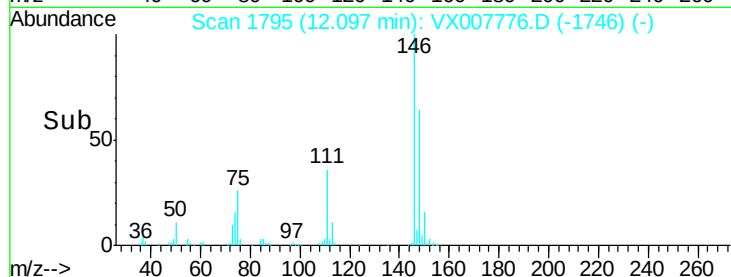
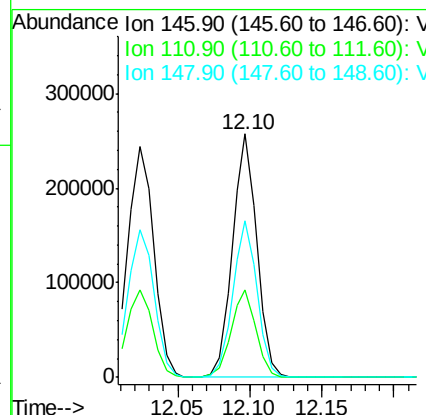
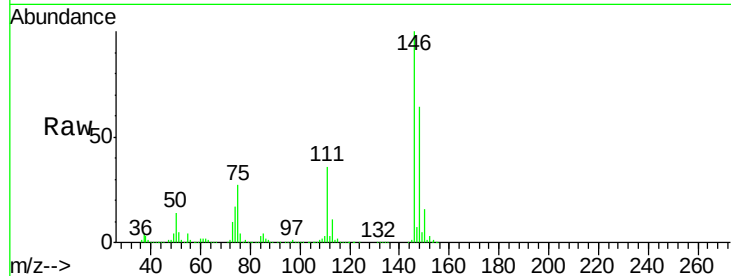
#88
 1,4-Dichlorobenzene
 Concen: 47.112 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampled :
 A0C1-TWPMS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	306599		
111	36.7	18.1	54.1	
148	64.0	32.3	96.9	

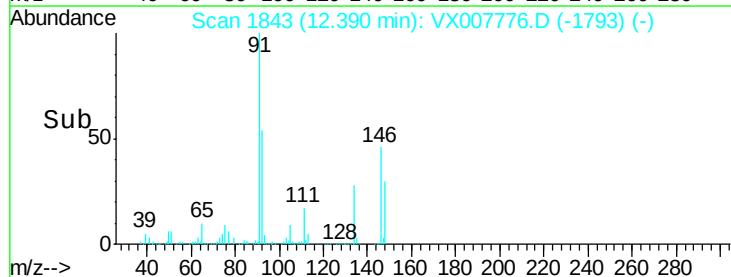
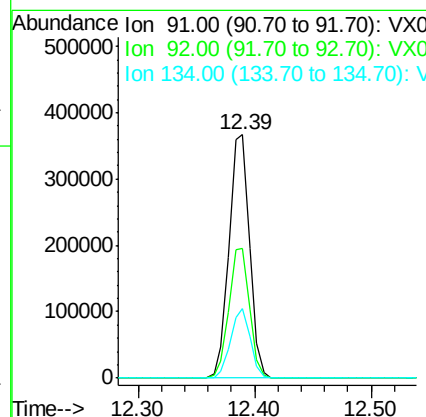
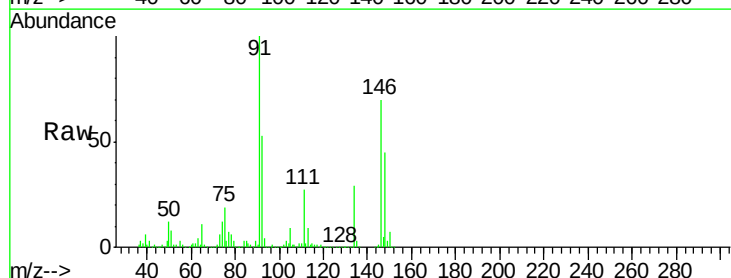
Manual Integrations
 APPROVED

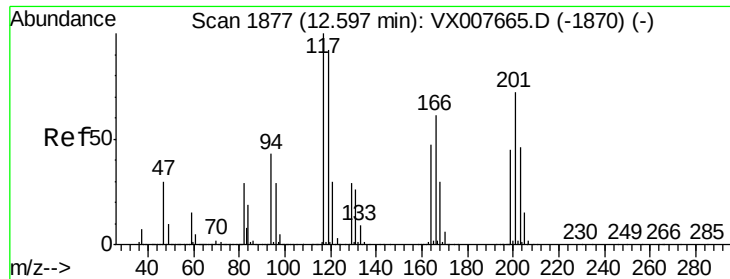
MMDadoda
 3/1/2019 10:04:33 AM



#89
 n-Butylbenzene
 Concen: 42.406 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	447677		
92	53.5	26.3	78.9	
134	27.4	13.9	41.6	





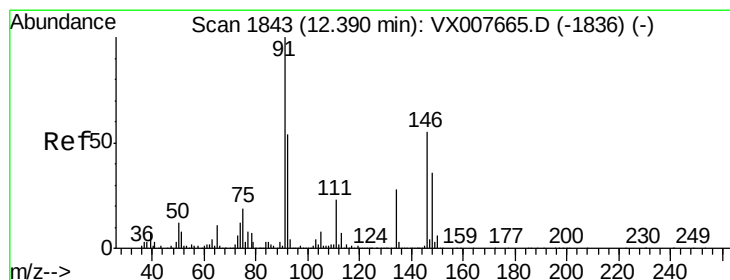
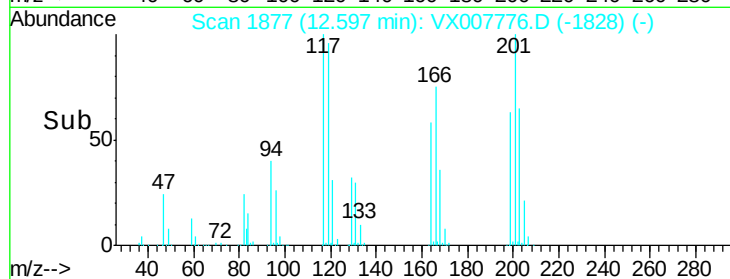
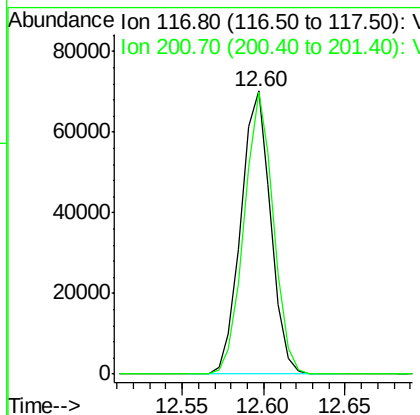
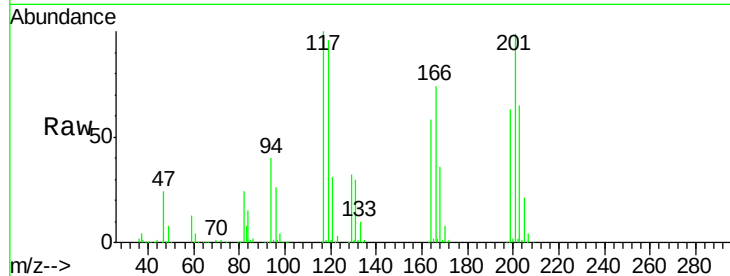
#90
Hexachloroethane
Concen: 44.689 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMS

Tot Ion	Ratio	Lower	Upper
117	100		
201	97.8	44.9	134.7

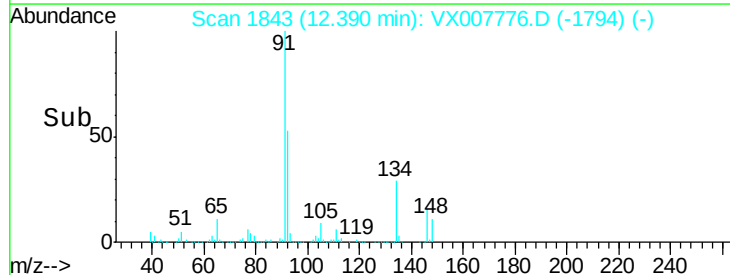
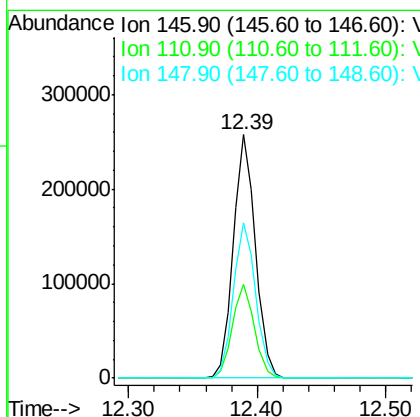
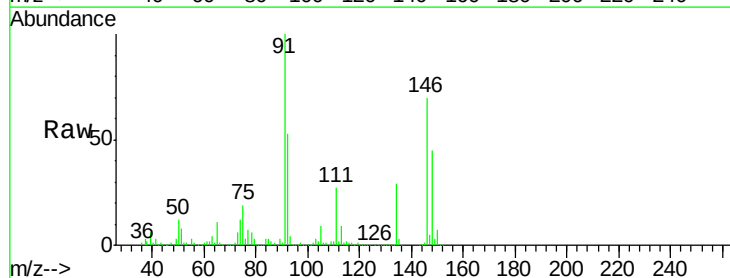
Manual Integrations
APPROVED

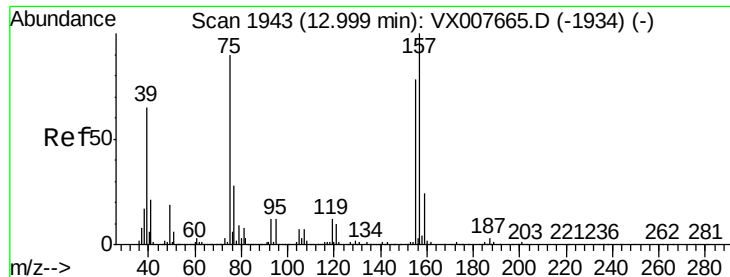
MMDadoda
3/1/2019 10:04:33 AM



#91
1,2-Dichlorobenzene
Concen: 48.634 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007776.D
Acq: 28 Feb 2019 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.3
148	64.5	32.1	96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.057 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMS

Tot Ion: 75 Resp: 47405

Ion Ratio Lower Upper

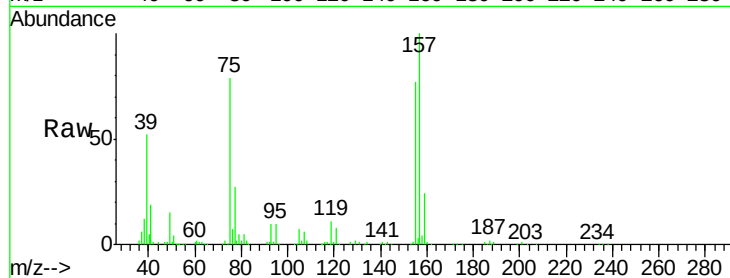
75 100

155 97.4 49.6 149.0

157 125.5 65.1 195.3

Manual Integrations
APPROVED

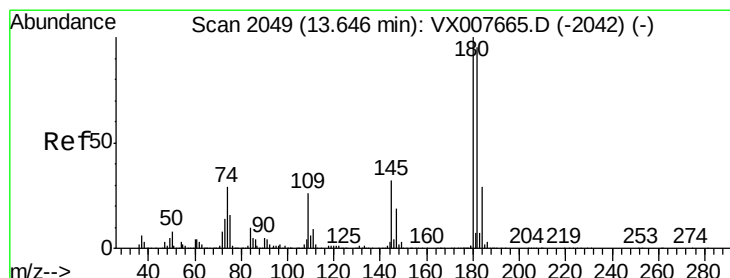
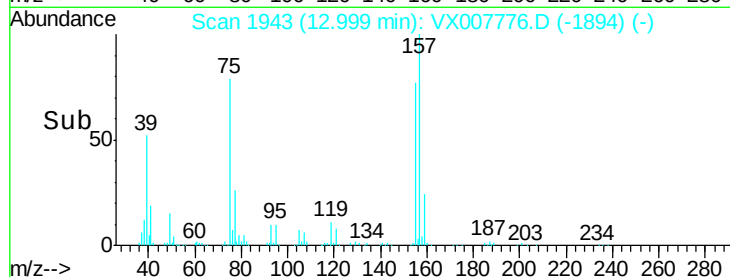
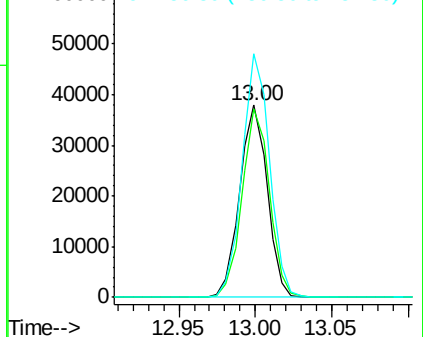
MMDadoda
3/1/2019 10:04:33 AM



Abundance Ion 74.90 (74.60 to 75.60): VX007776.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX007776.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX007776.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 54.433 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

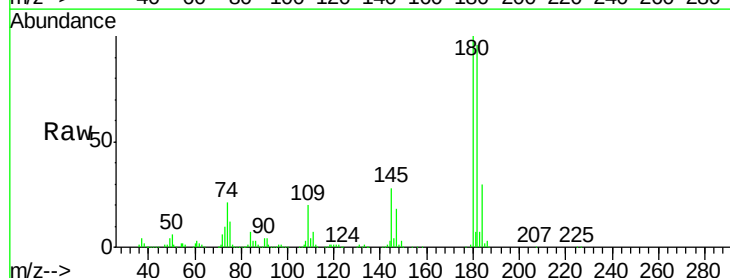
Tgt Ion: 180 Resp: 211255

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.3

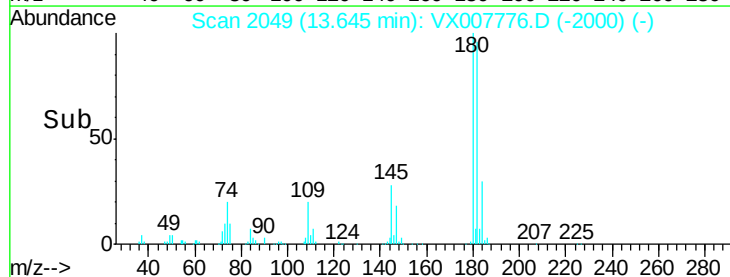
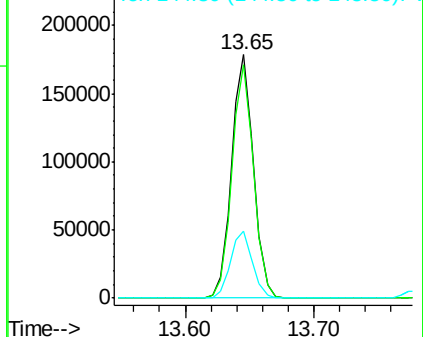
145 28.0 14.1 42.2

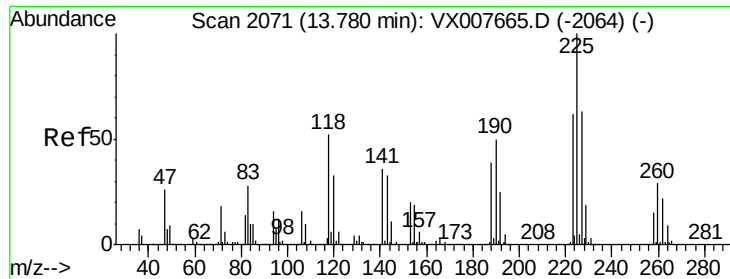


Abundance Ion 179.80 (179.50 to 180.50): VX007776.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX007776.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX007776.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 56.560 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Instrument :

MSVOA_X

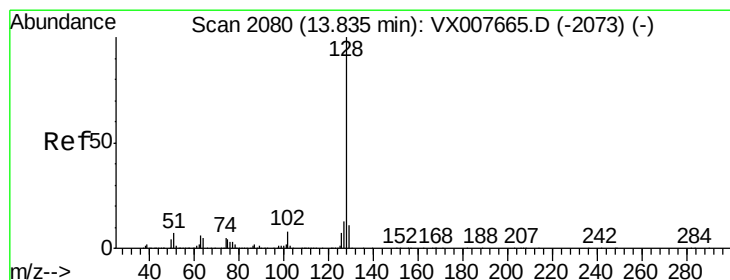
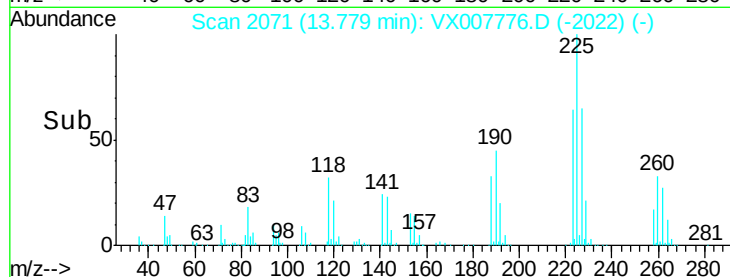
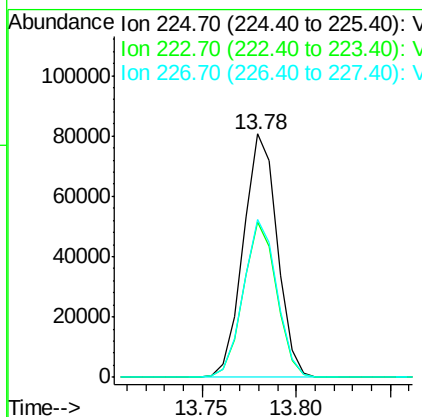
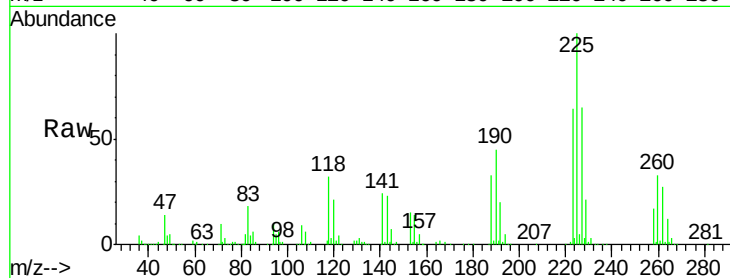
ClientSampled :

A0C1-TWPMS

Tot Ion:	225	Resp:	100418
Ion Ratio		Lower	Upper
225	100		
223	62.6	31.6	94.8
227	63.9	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
3/1/2019 10:04:33 AM



#95

Naphthalene

Concen: 51.823 ug/l

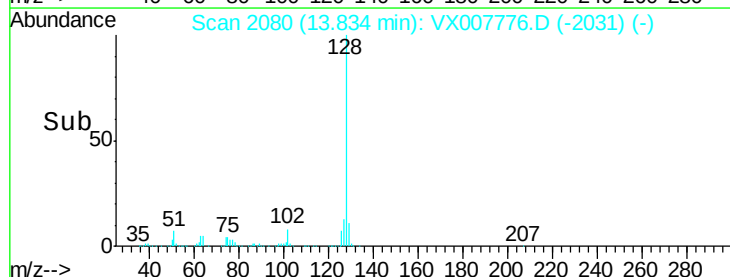
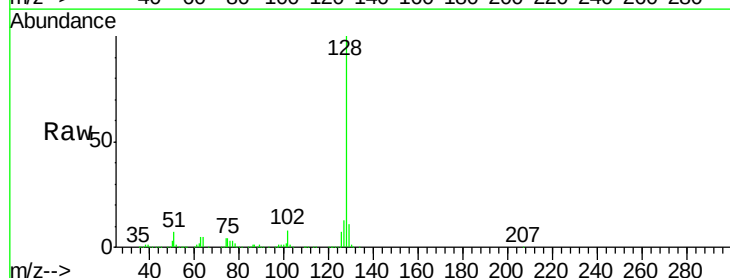
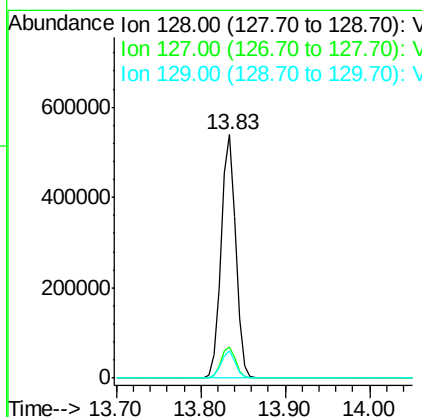
RT: 13.83 min Scan# 2080

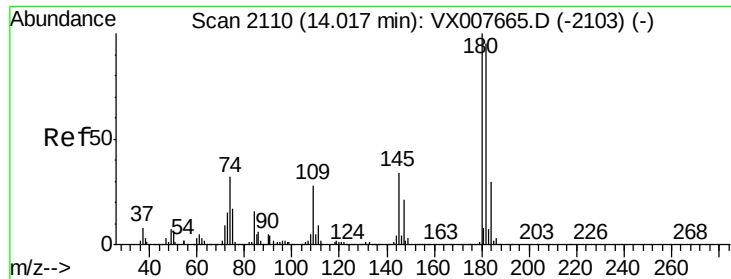
Delta R.T. -0.00 min

Lab File: VX007776.D

Acq: 28 Feb 2019 19:32

Tgt Ion:	128	Resp:	651616
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 55.160 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007776.D
 Acq: 28 Feb 2019 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	47.5	142.6
145	29.8	14.9	44.5

Manual Integrations
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